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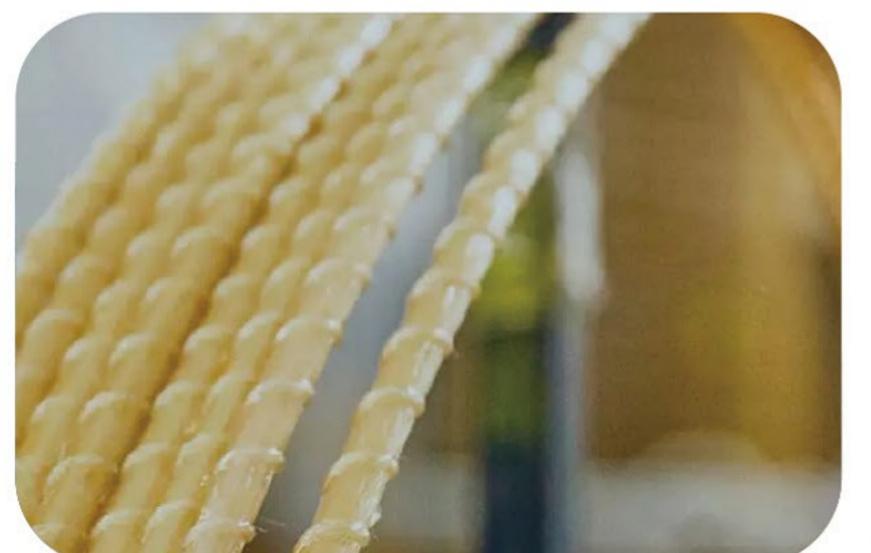


















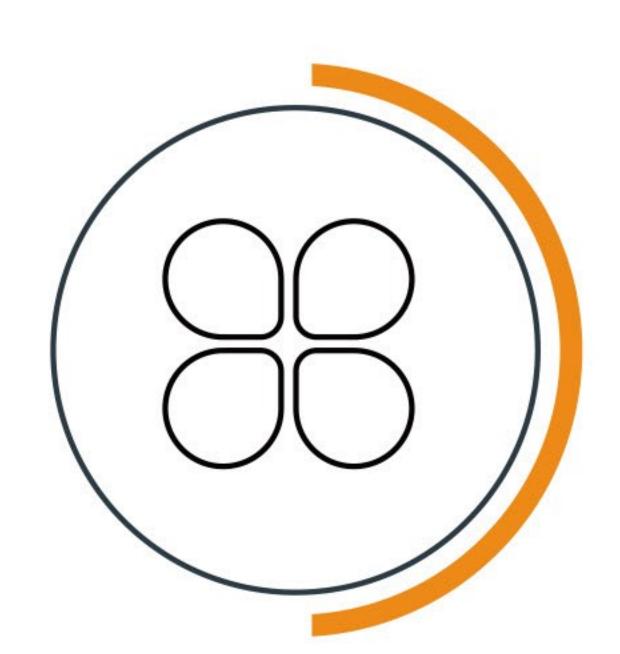


Anhui Tianfu New Material Co., LTD.









Value

Maintaining the passion and enthusiasm for the industry that brought us here



Vision

Your best partner in the composites industry



Mission & Goal

Create strong customer relationships through delivering outstanding quality and comprehensive service at reasonable prices to satisfy customers; make contributions to society and taking care of employees.



Positionin

A Reliable composites supplier



ABOUT US

Anhui Tianfu, was established in 1995. Since its establishment, the company has been committed to the research and development, production and sales of high-quality resin-based fiber composite reinforcing materials. Now we have covers an area of nearly 15,000 square meters, has nearly 120 employees, equipped more than 100 sets of standard grating molds, 15 automatic pultrusion lines, occupies advanced testing equipment such as xenon lamp aging test box, universal mechanical tester, oxygen index meter and CNC automatic milling and cutting machines, with an annual production capacity of 500,000 square meters of FRP molded grating and 1.2 million meters of pultruded profiles. We are a professional manufacturer of FRP gratings and pultruded profiles, capable to provide customers with entire solutions and services of design, development, production, and further fabrications.

Tian Fu composite, Your Best Partner In The Composites Industry.

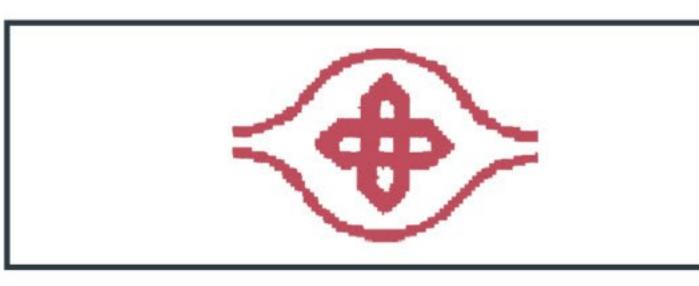






































UNSATURATED POLYESTER RESIN

Characters:

Unsaturated polyester resin is the most widely used resin in FRP&GRP products manufacturing. It is suitable for various manufacturing process like hand layup, filament winding, spray up, vacuum infusion, pultrusion, etc.





| Evergreen | |
|----------------------|--|
| Model | Property |
| TC-DC196 | Good strength and rigidity, fast curing, good comprehensive performance, suitable for ordinary FRP products. |
| TC-191 | General purpose UP resin, good mechanical strength, suitable for hand paste molding of all kinds of FRP products. |
| TC-191P | Promoted general purpose resin, low viscosity, good mechanical strength and high elongation, suitable for hand layup of all kinds of FRP products. |
| TC-123TP | Excellent mechanical properties, high strength, water and heat resistance, easy operation. Suitable for making normal FRP products. |
| TC-DC189 | Variety applications, not only suitable for ordinary glass fiber reinforced plastic products,but also can be used for stone repair. |
| TC-189 | Water and chemical resistant resin with low viscosity and high elongation rate. It is suitable for hand layup FRP hull products. |
| TC-189TP | It has low viscosity, good impregnation with fiberglass, good thixotropic , and good mechanical strength. Suitable for hand layup all kinds of FRP products. |
| TC-196 | Good strength and rigidity, fast cure, good comprehensive performance, suitable for ordinary FRP products. |
| TC-196 Food grade | It is a food grade resin with moderate viscosity, good toughness and mechanical strength. Suitable for the manufacture food containers and non-toxic, pollution-free FRP products. |
| TC-390 | Modified unsaturated polyester resin, with low viscosity and moderate reactivity, has excellent glass fiber impregnation especially suitable for acrylic and composite plate bathtub back reinforcement. |

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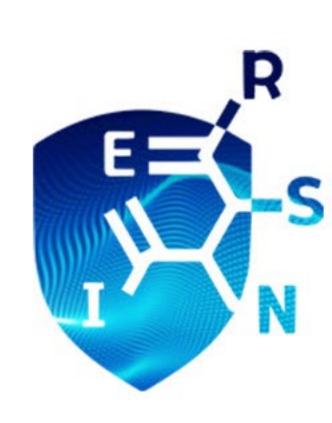
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| Evergreen | |
|-----------|--|
| Model | Property |
| TC-5118 | Food grade unsaturated polyester resin, with high viscosity and moderate reactivity, high hardness, good strength, high heat resistance and impact resistance, good comprehensive performance, suitable for hand layup all kinds of food containers, pipes and other FRP products. |
| TC-5209 | High mechanical property, good heat resistance, low shrinkage and fast cure. Suitable for BMC manhole manufacturing. |
| TC-5885 | Especially suitable for the production of artificial stone products, has high strength and toughness, and excellent water resistance, weather resistance. |
| TC-5885P | Low shrinkage rate, good toughness, finishend product high whiteness, less water lines, used for common resin crafts, can also be used for stone repair. |
| TC-680 | High strength and toughness, and excellent water resistance, weather resistance. It is suitable for the production of artificial stone products. |
| TC-6688 | Light color, high hardness, fast cure, easy to polish the coating, bright and plump, suitable for the production of stone, furniture surface coating. |
| TC-199 | Good heat and acid resistance, good strength and rigidity, suitable for all kinds of high heat resistant FRP products and FRP mould. |
| TC-3301 | Bisphenol A type unsaturated polyester resin, excellent mechanical properties, high heat distortion(HDT) temperature and corrosion resistance, especially suitable for chemical corrosion resistant FRP products under high temperature conditions. |
| TC-197 | Good anti-corrosive, high mechanical properties and heat distortion(HDT) temperature, suitable for FRP products require anti-corrosive in high temperature. |
| TC-197A | Especially suitable for the production of chemical corrosion resistant FRP products under high temperature conditions, such as chemical equipment, anti-corrosion facilities, etc. |
| TC-P21 | Finished product has high strength, rigidity and toughness. Especially suitable for pultrusion process. |
| TC-P15 | General purpose resin, low viscosity, good infiltration of glass fiber, good UV resistance, good mechanical strength, suitable for hand paste molding of all kinds of FRP products, especially translucent FRP products. |
| TC-P13 | Pultrusion resin, excellent fiberglass impregnation property and high heat distortion (HDT) temperature, suitable for pultrusion process, especially suitable for FRP profile products. |
| TC-25 | Promoted, low heat release. Suitable for vacuum infusion and RTM process products like fan blades and other components. |
| TC-8033 | Excellent anti-sinking, air drying, grinding and green resistance, high heat resistance and hardness, suitable for high grade PE special clear primer. |
| TC-P50 | Good infiltration with all kinds of pigment powder, uniform color products, high gloss, suitable for low activity of saturated type color paste (pigment paste). |
| TC-SM | Used for making polystyrene, synthetic rubber, ion exchange resin, etc. |
| TC-601-1 | Light color, good transparency, good toughness, fast curing, suitable for ordinary molding grid and transparent grid and other products. |
| TC-1045MT | Low viscosity, water resistance, excellent mechanical strength, suitable for FRP fishing boats, yachts, lifeboats and other large products. |

| AOC | |
|---------------|--|
| Model | Property |
| P65-901 | Palatal® P65-901 is suitable for hand lay-up, filament winding, pultrusion and grating-casting. |
| P 61 TV-956 N | Palatal P61TV-956N is well suited for hand lay-up and sprayprocess. It rapidly impregnates the reinforcing materials during lay-up and does not run off in vertical side. PalatalP 61 TV-956N is good in mechanical property. It suits marine ,sanitary ,leisure and cabin industry.Palatal P61TV-956N has been approved by China Classification Society (CCS) and Lloyd's Register of Shipping(LR) for boat building. |

Noted:





| AOC | |
|----------------|---|
| Model | Property |
| A-400 TV-957 S | Palatal A 400 TV-957 S is well suited for hand lay-up and spray techniques. It readily impregnates the reinforcing materials during lay-up and does not run off inclined laminates. It is specially used for marine like hull and deck, tanks, pipes that contacts with water. It has low exothermal and low shrinkage, also good tack free property. Palatal A400TV-957S is good in mechanical properties and has high HDT. Palatal A 400 TV-957 has been approved as 1 class resin by China Classification Society (CCS) for boat building. |
| P 17-902 | Palapreg P 17-902 can be used for automotive components, electronic appliances, construction materials and other FRP products. Work with the Palapreg series of low shrinkage additives, it can control the product shrinkage rate between 0%-0.2%, with high surface gloss. Automobile parts: truck front panel, bumper, wingspan, pedal, sunroof shading, board, toolbox, high top and other FRP with requirements for mechanical performance and good surface. Electronics and electronics: plastic-sealing motor, meter box/cabinet, junction box, control switch, GPO-3 board and other medium and low -pressure insulation products, precision injections; Building and building materials: molding door skin, sports equipment, overall bathroom, etc. |
| H 814-902 | SMC / BMC low shrinkage agent is specially for FRP product requires good color . The finished FRP product has the characteristics of high impact resistance, excellent color compatibility, gloss and heat resistance, weather resistance. |
| A 400-972 | SMC / BMC low shrinkage agent is specially for FRP product requires good color . The finished FRP product has the characteristics of high impact resistance, excellent color compatibility, gloss and heat resistance, weather resistance. |
| Gelcoat series | General purpose gelcoat series, suitable for hand layup, spray up, filament winding, pultrusion, and grate moulding, cold pressure on the model and RTM process. |

| Swancor | |
|---------|---|
| Model | Property |
| 963 | SWANCOR® 963 by Swancor is an unsaturated polyester resin. Exhibits good water- & corrosion resistance, excellent mechanical properties and processing characteristics. SWANCOR® 963 is suitable for processing by formost of the FRP molding method such as hand lamination, winding and pultrusion engineering. |



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VINYL ESTER RESIN

Characters:

Vinyl ester resin has stable chemical performance, excellent insulation and corrosion resistance. It is widely used for manufacturing fiberglass pipes, storage tanks, flue gas desulfurization, steel industry, chemical industry, petrochemical industry, papermaking, printing and dyeing industry, overall mortar flooring, chemical fiber, textile industry, solvent resistance and flame retardant, wind turbine blades, electrolytic cells (tanks), electroplating.





| AOC | |
|-------------|--|
| Model | Property |
| F013 series | Suitable for moldings that are subjected to particularly high static or dynamic loads such as pipes, tanks, duct work and flooring applications. |
| 430 | Atlac [®] 430 provides resistance to a wide range of acids, alkali, and bleaches for the use in corrosive environments in the chemical processing industry. The favorable combination of thermal resistance and elongation makes this resin suitable for applications exposed to intermittent temperatures. |
| 430 ACT | ATLAC® 430 ACT can be used for FRP parts which require excellent chemical corrosion resistance and better mechanical properties, such as: tanks, containers and devices, corrosion resistance protection, water conservancy projects, restoration of water pipelines, anti-corrosion floor, mold manufacturing, etc. ATLAC® 430 ACT has achieved the CCS certificate and LR certificate. |

Noted:



| AOC | |
|---------|--|
| Model | Property |
| 590 Z | Atlac [®] 590Z is a styrene solution of phenolic modified vinyl resin with moderate reactivity and viscosity. Atlac [®] 590Z offers excellent high temperature stability and corrosion resistance to organic solvents, acids and oxidizing media such as chlorine, as well as high temperature strength retention. Atlac [®] 590Z is suitable for most production processes, especially for filament winding, centrifugal casting, hand lay-up and spray-up. It can also be used to prepare glass flake coating and cement paste. |
| 590 UHT | Atlac [®] 590UHT resin is the preferred choice for applications with high operating/design temperatures. This resin is designed for ease of fabrication using hand lay-up, spray-up, filament winding, compression molding and resin transfer molding techniques. Atlac [®] 590UHT resin has been applied in chemical storage tanks, pipes, flue gas desulfurization systems (FGD), stacks, scrubbers, ducts. Atlac [®] 590UHT resin has excellent resistance to organic solvents due to itself high crosslinking density. |

| Swancor | |
|-----------|--|
| Model | Property |
| 901/901-P | Chemical storage tanks, pipes, fume gas desulfurizingsystems (FGD), scrubbers, ducts. Corrosion resistant flooring-while incorporated with aggregates. Waste water treatment systems. Food storage tanks and pure water system. Marine use for yachts and boats, approved by DNV and Lloyd's Register. |
| 901-200 | Vacuum infusion process boat building resin. |
| 907/907-P | Chemical storage tanks, pipes, flue gas desulfurization systems (FGD), scrubbers, ducts and grating. Corrosion resistant flooring while incorporated with aggregates. Equipment specified to handle mixture of air, exhaust gases or potentially flammable liquids. |
| 907-S | Suitable for oxidized media and wet chlorine places. |
| 977 | Phenolic epoxy modified vinyl ester resin, has a high crosslinking density after curing, which makes it have a good resistance to oxidizing acids and strong corrosive organic solvents. At the same time, it is endowed with extremely high HDT, which can be used in some high temperature occasions, such as the preparation of high temperature flue and smoke pipe. |
| 901-PW | Suitable for acid -alkali -tolerant floor, lining in the waste pond. |
| CP95 | Special primer coating resin in concrete, can provide srong stick bewteen concrete 2 sides, will achieve anti-corrossive, heat resistant and strong interface. |
| 984-M | Modified vinyl ester resin primer coating, with both high toughness of the elastic body and the materiality of the ethylene resin. |
| 983-M | Modified vinyl ester resin primer coating, with both high toughness of the elastic body and the materiality of the ethylene resin. |
| 915 | SWANCOR® 915 by Swancor is a brominated-reactive flame retardant vinyl ester resin. Offers comprehensive performance in corrosion resistance, flame resistance, good mechanical performance, stable performance, self-extinguishing property and good operability. SWANCOR® 915 is mainly used in the preparation of FRP chimney in large coal-fired power plant and anode tube and shell in wet dust collector. |
| 915HOI | SWANCOR® CHEMPULSE 915-HOI by Swancor is a brominated-reactive flame retardant vinyl ester resin. Provides comprehensive performance in corrosion resistance, flame resistance, good mechanical performance, stable performance, self-extinguishing property and good operability. SWANCOR® CHEMPULSE 915-HOI is mainly used in the preparation of FRP chimney in large coal-fired power plant and anode tube and shell in wet dust collector. |
| 978 | Swancor 978 Vinyl Ester Resin is a resin that combines high chemical resistance with excellent mechanical properties when combined with the appropriate fibreglass, carbon or Kevlar reinforcements. For this reason, it is widely used in the manufacture of chemically resistant products, as well as in automotive parts and in aerospace applications. |
| 975 | Swancor 975 Chempulse vinyl ester resin is a resin with excellent chemical resistance and effective mechanical properties that can be used in automotive parts and in the manufacture of other materials that require chemical resistance. |
| 901-PW-6X | SWANCOR 901-PW is SWANCOR 901 based anti-corrosion smooth paint, same chemical resistance with SWANCOR 901, suitable for acid resistance floor, waste water tank lining surface paint. |

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| | Swancor | |
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| Model | Property | |
| 901-200TP | Suitable for hand layup, filament winding, spray up, pultrusion process, features low viscosity, low stytrene emission specially suitable for FRP products and boat building. | |
| 901-FLTC | SWANCOR® 901-FLT by Swancor is a flake epoxy vinyl ester resin. Exhibits good chemical resistance, good mechanical properties and excellent adhesion with the substrate. Offers low permeability to water & vapor and excellent operating performance. SWANCOR® 901-FLT is suitable for trowel technique. | |
| 901-V | Chemical storage tanks, pipes, flue gas desulfurization systems (FGD), scrubbers, ducts. Corrosion resistant flooring while incorporated with aggregates. Waste water treatment systems. Food storage tanks and pure water system. Marine use for yachts and boats, approved by DNV. | |
| 901-TP | SWANCOR® 901-TP by Swancor is a bis-phenol A type, pre-thixotroped pre-promoted epoxy vinyl ester resin. Provides excellent corrosion resistance to a broad range of organic & inorganic acids, alkalis, oxidizing chemicals and salt solutions. Offers very good mechanical strength while incorporated with reinforcement such glass fiber, carbon fiber or kevler fiber. SWANCOR® 901-TP is suitable for processing by hand lay-up, laminating, spray-up and filament winding. It is recommended for marine applications. It complies with DNV and Lloyd's register approval and US FDA regulation. | |
| 900-PW | Suitable for surface coating for acid -alkali and organic floor. | |
| 900-FLT | SWANCOR® 900-FLT by Swancor is a vinyl ester resin compound with C-type glass flakes. Shows corrosion resistance excellent chemical- & wear-resistance and extremely low permeability. SWANCOR® 900-FLT is especially suitable for anti-corrosion of desulfurization engineering equipment. | |
| 905-2 | SWANCOR® 905-2 by Swancor is a brominated epoxy vinyl ester resin. It offers corrosion resistance, fire resistance good operability with good mechanical- and stable performance. SWANCOR® 905-2 can achieve ASTM E-84 class 1 with 6-10% flame retardant additive. It is used in the preparation of FRP chimney in large coal-fired power plant. | |
| 905-2-TPW-6X | It is suitable for desulfurization system and floor anti-corrosion engineering with low-temperature flue gas, flame retardant requirements. | |
| 905-2-FLTCP-6X | Suitable for anti-sulfur system for anti-sulfur system for medium temperature flue gas and flame retardant require ments. | |
| 905-N-TPW-7X | Suitable for anti-sulfur system for anti-sulfur system for medium temperature flue gas and flame retardant require ments. | |
| 905-N-FLTCP-7X | Suitable for anti-sulfur system for anti-sulfur system for medium temperature flue gas and flame retardant require ments. | |
| 905-N | SWANCOR 905 series is mainly used in the preparation of FRP chimney in large coal-fired power plant because of it excellent comprehensive performance in corrosion resistance, fire resistance, good mechanical performance, stable performance and good operability. SWANCOR 915 series is widely used in the preparation of anode tube and shell in wet dust collector because of its excellent corrosion resistance, flame resistance and self-extinguishing property. | |
| 977-S | phenolic epoxy modified vinyl ester resin, has a high crosslinking density after curing, which makes it have a good resistance to oxidizing acids and strong corrosive organic solvents. At the same time, it is endowed with extremely high HDT, which can be used in some high temperature occasions, such as the preparation of high temperature flue and smoke pipe. | |
| 901-FLTCH | SWANCOR® 901-FLT by Swancor is a flake epoxy vinyl ester resin. Exhibits good chemical resistance, good mechanical properties and excellent adhesion with the substrate. Offers low permeability to water & vapor and excellent operating performance. SWANCOR® 901-FLT is suitable for trowel technique. | |
| 901-LSE | Suitable for hand lamination, pultrusion and filament winding process FRP products, like all kinds of chemical tanks parts and engineering parts. | |
| 907-PW | Suitable for chemical resistant floor, waster water lining coating. | |
| 907-FLTCH | Widely used in the FGD flue gas conveying system, high -temperature anticorrosive area of desulfurization tower, etc. | |
| 907-FLTC | Widely used in the FGD flue gas conveying system, high -temperature anticorrosive area of desulfurization tower, etc. | |
| 907-S-FLTCP | Widely used in the FGD flue gas conveying system, high -temperature anticorrosive area of desulfurization tower, etc. | |

Noted:





| Swancor | |
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| Model | Property |
| 900 | It is designed for use in high temperature and high corrosion applications. SWANCOR 900 is designed to provide superior toughness with excellent fatigue resistance due to high heat distortion temperature. Applications Chemical storage tanks, pipes, flue gas desulfurization systems (FGD), scrubbers, ducts, chimneys. Corrosion resistant flooring while incorporated with aggregates. Equipment specified to handle mixture of air, exhaust gases or potentially flammable liquids. Tanks and pipes for organic solvents. |
| 1305 | The accelerator specially formulated for vinyl resin can still make the resin show good hardening at low temperature and high humidity. |
| 1360 | Special air drying agent for vinyl ester resin and unsaturated polyester resin. |

| | Inoes | |
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| Model | Property | |
| DM470-300 | Suitable for applications involving high temperature chlorination or caustic scrubbing and storage, industrial waste treatment facilities and solvent extraction processes used in mining. It is also used for hydrochloric acid transport, tank, truck and railcar linings, and gasohol storage. | |
| DM411-350 | DERAKANE 411-350 resin is designed for use in fabricating FRP storage tanks, vessels, ducts and on-site maintenance projects, paticularly in chemical processing and pulp and paper operations. | |
| DM510C-350HOI | Used in various caustic environments such as sodium hypochlorite, chlorine dioxide andalkaline hydrogen peroxide. It is also suitable for equipment specified to handle mixtures of air and hotgases, building panels, and flooring compounds where a degree of fire retardance is required. It is also recommended for use in FRP ductwork, stacks and stackliner applications. | |
| K530TB | Passed Lloyd's, D.N.V(first class) certificate for boat building, specially used for open mould process, like hand layup and spray up process. | |

| Showa | |
|-------|---|
| Model | Property |
| R-802 | RIPOXY™ R-802EX by Resonac (formerly Showa Denko) is a tack free vinyl ester resin. Exhibits general corrosion resistance. Offers good chemical resistance, tenacity, low temperature resistance and fatigue resistance. It is recommended for standard type, fiber reinforced plastic (FRP) lining applications. |
| R-806 | RIPOXY™ R-806DAEX by Resonac (formerly Showa Denko) is a vinyl ester resin. Exhibits good adhesion. RIPOXY™ R-806DAEX is recommended for primer for metal, woods and fiber reinforced plastic (FRP) lining applications. |
| H-630 | RIPOXY [™] H-600 by Resonac (formerly Showa Denko) is a vinyl ester resin. Offers good acid resistance, good solvent resistance, good heat resistance and good corrosion resistance. RIPOXY [™] H-600EX is recommended for standard type, fiber reinforced plastic (FRP) lining applications. |









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EPOXY RESIN AND HARDENER

Characters:

Epoxy resin has excellent physical mechanical and electrical insulation performance, and its adhesive performance with various materials, as well as the flexibility of its use process, are not possessed by other thermosetting materials. Therefore, it can be made into coatings, composite materials, castables, adhesives, molding materials and injection molding materials, which are widely used in various fields of the national economy.



| Phoenix | | |
|------------|--|--|
| model | property | |
| WSR6101 | It is applicable to adhesives, potting materials, floor coatings, civil engineering, composite materials, automotive coatings, solvent-free coatings, marine heavy-duty anti-corrosion coatings, and liquid packaging materials. | |
| WSR618 | It is applicable to adhesives, potting materials, floor coatings, civil engineering, composite materials, automotive coatings, solvent-free coatings, marine heavy-duty anti-corrosion coatings, and liquid packaging materials. | |
| WXDIC 1050 | It is applicable to adhesives, potting materials, floor coatings, civil engineering, composite materials, automotive coatings, solvent-free coatings, marine heavy-duty anti-corrosion coatings, and liquid packaging materials. | |

| Nanya | | |
|--------------|---|--|
| Model | Property | |
| NPEL-128/127 | It is applicable to laminate, filament winding, sealing materials, electronic engineering, mold processing, coatings, adhesives. | |
| NPES-901 | It is applicable to anticorrosive coating and laminated board. | |
| NPSN-901X75 | Suitable for anti-corrosion coating. | |
| NPEB-400 | It is suitable for the application of base plate and molding compound, and can provide good operating characteristics and fire resistance. It can also be applied to the surface coating of flame resistance. | |
| NPPN-638S | It is often used for laminate, composite materials, etc. | |

Noted:





| Changchun | | |
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| Model | Property | |
| BE-188EL | It is used in electronics, coatings, adhesives, composite materials and other industries. | |
| Dow's | | |
| | Dow's | |
| Model | Dow's Property | |
| Model | | |

| Basf/Evonik | | |
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| Model | Property | |
| IPDA | It can be used to produce solvent-free room temperature epoxy curing agent or thermal curing epoxy curing agent. | |

| INVISTA | |
|----------------------------------|---|
| Model | Property |
| 2-methyl-1, 5- pentenediamine | Can be used for epoxy resin curing agent, such as paint, floor, composite materials, etc. Can be used in the production of polyamide plastics, film and fiber; Used in the production of polyamide adhesives and printing resins. |

| Huntsman | | |
|-----------|--|--|
| Model | el Property | |
| T403 | It is suitable for epoxy curing agent and anti-settling agent in polyurethane reaction. | |
| D220/D230 | Epoxy curing agent, hot melt adhesive formed by reaction with takin acid, rapid reaction with isocyanate vinegar and salt formation can be used as surfactant. | |
| TETA | Intermediates, hardeners, components used in the production of electrical insulation materials. | |
| TEPA | It is mainly used to synthesize polyamide resin, cation exchange resin, lubricating oil additive, fuel oil additive, etc. It can also be used as curing agent for epoxy resin, rubber curing accelerator, etc. | |

| TOSOH | | |
|-------|---|--|
| Model | Property | |
| EDA | Ethylenediamine can be used in the manufacture of fuel, rubber vulcanization accelerator, medicine, fibrin and other solvents, emulsifier, epoxy resin curing agent and manufacturing insulating paint coating intermediates. | |

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| 3 | | |
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| TOSOH | | |
| Model Property | | |
| DETA | It is mainly used as solvent and intermediate in organic synthesis. | |
| TETA | Intermediates, hardeners, components used in the production of electrical insulation materials. | |
| TEPA | It is mainly used to synthesize polyamide resin, cation exchange resin, lubricating oil additive, fuel oil additive, etc. It can also be used as curing agent for epoxy resin, rubber curing accelerator, etc. | |
| PHEA | Curing agent; Oilfield auxiliaries; Pharmaceutical industry, etc. | |
| POLY7/POLY8 | It is mainly used to prepare crude oil demulsifier, sewage treatment agent, pesticide dispersant and additives for daily use. | |

E-FIBERGLASS

Characters:

Glass fiber is a kind of inorganic nonmetallic material with excellent performance, with a wide variety. Advantages, such as good insulation, strong heat resistance, good corrosion resistance and high mechanical strength, but its disadvantages are brittleness and poor heat resistance. It is often used as reinforcing material in composite materials, electrical insulation material, thermal insulation material, circuit substrate and other fields of national economy.



Noted:





| Evergreen | | |
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| Model | Property | |
| EWR400 | Widely used in hand lay up boats, vessels, plane and automotive parts, furniture and sports facilities. | |
| EWR600 | Widely used in hand lay up boats, vessels, plane and automotive parts, furniture and sports facilities. | |
| EWR800 | Widely used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities. | |
| Stiched mat | It is used in pultrusion , filament winding , hand -layup, and RTM process FRP pipes and tanks. | |
| Surface tissue | Suitable for hand layup all kinds of FRP products inluding FRP files, pipes , tanks , boat and bathtub etc. | |

| Jushi | | |
|---------------------|--|--|
| Model | Property | |
| E6DR24-2400-386T/H | Main uses include manufacture of FRP pipes of various diameters, high-pressure pipes for petroleum transitions, pressure vessels, storage tanks, and, insulation materials such as utility rods and insulation tube. | |
| ED15-2400/4800-440C | Automotive parts: bumper, rear cover box, car door, headliner; Building & construction industry: SMC door, chair, sanitary ware, water tank, ceiling; Electronic & electrical industry: a variety of parts.In recreation industry: a variety of apparatus. | |
| ER13-2400-180 | Used for bathtub, FRP boat hulls, various pipes, storage vessels and cooling towers. | |
| ER12-2400-528S | Low electrostatic, soaked, short -cut and good dispersion, fast wet with FRP panel resin, FRP special roving. | |
| EDR17(14)-2000-988A | 988A is mainly used for double screw extruded molding process to produce thermoplastic materials, and is widely used in automotive components, electronics, mechanical tools, chemical anticorrosive, and sporting products. | |
| EMC300-1040-E/P | Boats, bath equipment, automotive parts, chemical corrosion resistant pipes, tanks, cooling towers and building components. | |
| EMC450-1040-E/P | Boats, bath equipment, automotive parts, chemical corrosion resistant pipes, tanks, cooling towers and building components. | |
| EMC225-1040-E/P | Boats, bath equipment, automotive parts, chemical corrosion resistant pipes, tanks, cooling towers and building components. | |
| EWR400E(E)-100 | Widely used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities. | |
| EWR600E(E)-100 | Widely used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities. | |
| EWR800E(E)-100 | Widely used in hand lay up and robot processes to manufacture boats, vessels, plane and automotive parts, furniture and sports facilities. | |

NOURYON PRODUCT

Characters:

Nouryon peroxides brand including Trigonox, Perkadox and Butanox. Organic peroxide is necessary raw material in all kinds of polymerization process,like PVC(polyvinyl chloride) and composite fields like window frames, artificial marble, coatings and medical packaging materials.









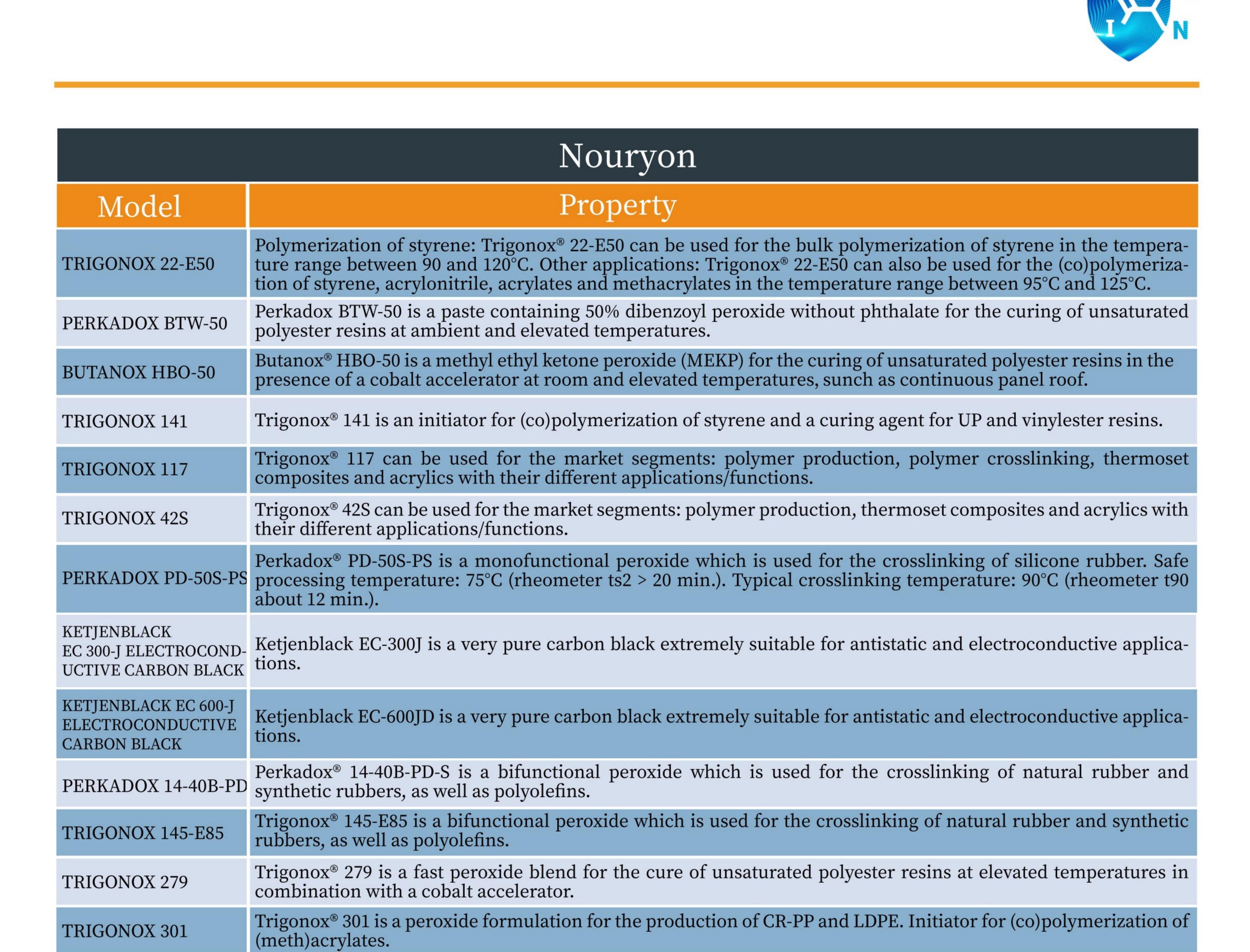
| Nouryon | | |
|--------------------------|---|--|
| Model | Property | |
| TRIGONOX V388 SERIES | MEKP is a general-purpose methyl ethyl ketone peroxide (MEKP) used for curing unsaturated polyacetate resins at room temperature or temperature rise in the presence of a drilling accelerator. Especially suitable for reinforced products or non-reinforced products, such as laminate resin, casting resin curing. | |
| TRIGONOX V-328 | Used for curing unsaturated polyester, especially suitable for the production of reinforced products or non-re-inforced products, such as laminate resin, casting resin curing. | |
| BUTANOX M-50 SERIES | (MEKP), used for curing unsaturated polyester resins at air or heating conditions when drilling accelerators are present. Especially suitable for gelcoat resin. Curing of laminate resin, varnish and resin casting . | |
| BUTANOX M-60 | Used for curing unsaturated polyester resins in the presence of cobalt accelerators at room temperature and high temperatures. | |
| BUTANOX LPT-IN | MEKP is a methyl ethyl ketone peroxide (MEKP) used in conjunction with drilling accelerators for curing unsaturated polyester resins at room temperature or temperature. Especially suitable for long gel time or production time situations, especially recommended for curing vinyl resins. | |
| TRIGONOX C | Used for high temperature curing of unsaturated polyester resin. Preferred for hot pressing of unsaturated polyresin in 120-170° range (SMC,BMC, etc.) | |
| PERKADOX GB-50 SERIES | Containing 50% dicyclohexyl phthalate, it can be cured with unsaturated polyester resin and acrylic resin at room temperature and temperature. The amine accelerator system exhibits very fast curing, almost unaffected by humidity and fillers. It can cure well even at low temperature. | |

Noted:

These data is tested according to GB standard, the customer is recommended to do small batch test before use since there will be variety changing factors during manufacture process. The company reserves the right to modify certain technical parameters.

Noted:





| Nouryon | |
|---------------------------|---|
| Model | Property |
| TRIGONOX BPIC-C75 | It can be used as an initiator for polymerization and copolymerization of styrene in the temperature range of 95-125°C. The temperature of the polymer rises gradually during the reaction. |
| PERKADOX 16 | It can be used for suspension and bulk polymerization of vinyl chloride in the temperature range of 40-65°C. |
| TRIGONOX 21S | It is an effective initiator for the production of low density polyethylene and can be used in both tubular and autoclave processes. In many cases, it is often used in combination with other peroxides to achieve a wider range of polymerization temperatures. |
| TRIGONOX B | Used for crosslinking thermoplastic polyolefin. |
| TRIGONOX K-80 | Can be used for a variety of polymerization reactions: can be used for styrene and butadiene copolymerization; Used for polymerization of acrylonitrile, acrylic acid, vinyl chloride, styrene, vinyltoluene, isoprene, diallase phthalate and unsaturated polyester. |
| TRIGONOX K-90 | It can be used in a variety of polymerization reactions, including emulsion and solution polymerization. |
| TRIGONOX HMA | Used for curing unsaturated polyester resins in the range of 60-150°C or in the presence of drilling accelerators. |
| TRIGONOX A-W70 | Initiator for polymerization or copolymerization of styrene, acrylonitrile, vinyl chloride, vinylidene chloride, acrylates and methacrylate. |
| LAUROX | It can be used in market segments: polymer production, thermosetting composites and acrylic resins with different applications/functions. |
| TRIGONOX 29-C90 | Typical applications of an efficient, moderately active hardener for temperature curing of unsaturated polyester and vinyl resins include prepregs, premixes, BMC, TMC, SMC, and pultrusions. |
| PERKADOX OPC-50S-PS-MM | Mainly used for crosslinking silicone rubber. |
| TRIGONOX 101 SERIES | Trigonox 101 is a bifunctional peroxide which is used for the crosslinking of natural rubber and synthetic rubbers, as well as polyolefins. |
| PERKADOX BC-FF | Perkadox [®] BC-FF is a monofunctional peroxide which is used for the crosslinking of natural rubber and synthetic rubbers, as well as polyolefins. |
| TRIGONOX 44B | Trigonox® 44B is a fast-curing acetylacetone peroxide used for standard unsaturated polyester resins, but also ISO and ISO/NPG resins to achieve a faster cure than obtained with Butanox M-50, including a vanishing red (VR) indicator system. |
| TRIGONOX 23-C75 | Trigonox® 23-C75 by Nouryon is an initiator for polymerization of ethylene, vinyl chloride, vinylidene chloride and (meth)acrylates. It is also used for curing unsaturated polyester and vinylester resins at elevated temperatures. It is used both for tubular and autoclave processes. |
| TRIGONOX 25-C75 | Trigonox® 25-C75 by Nouryon is an initiator (75% active ingredient in odorless mineral spirits) for (co)polymerization of LDPE, vinylidine chloride, acrylates, methacrylates, polyols, and diethylene glycol bis (allyl carbonate)-based optical monomers. It is used as an initiator for the suspension polymerization of vinyl chloride in the temperature range between 50°C and 70°C. Trigonox® 25-C75 is used both for tubular and autoclave processes. |
| TRIGONOX 289-IN VR | Trigonox [®] 289-IN VR is a special peroxide blend with a VRN system, suitable for curing unsaturated polyester and vinylester resins at ambient conditions in conjunction with a metal accelerator. |
| TRIGONOX 122-C80 | Trigonox® 122-C80 is an initiator for (co)polymerization of styrene, ethylene, acrylonitrile and (meth)acrylates. Midrange initiator for curing unsaturated polyester and vinylester resins at elevated temperatures. |
| PERKADOX 14S-FL | Perkadox® 14S-FL can be used for the market segments: polymer production and polymer crosslinking with their different applications/functions. |
| TRIGONOX 121 | Initiator for (co)polymerization of ethylene, styrene, acrylates, methacrylates and polyols. |

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Noted:





Characters:

Auxiliary materials usually include curing agent, accelerator, colorant, filler, low shrinkage agent, flame retardant, ultraviolet absorber, defoamer, etc. Through the proper use of auxiliary materials, the entire FRP industry will further improve its level. Auxiliary material manufacturers will also develop products according to the requirements of the FRP industry, and also continue to improve their level to form a virtuous circle.









| Evergreen Curing agent series | |
|-------------------------------|---|
| Model | Property |
| TC-3#Hardener | Good match of 191 resin and white embryo resin, hand lay windign process. Long distance transportation is not recommended. |
| TC-2#Hardener | Best match of 191 resin and white embryo resin in winter, hand lay up winding process. It can be transported for long distance. |
| TC-0#Hardener | It is suitable for imitation jade crafts with low water mark and strong stability. |
| TC-cyclohexanone | Cost-effective paste. |
| TC-OT hardener | Specially designed for quartz stone resin. |
| TC-BPOpaste | Medium temperature curing agent for pultrusion. |
| TC-2#TBPB | It is suitable for pultrusion process. |
| TC-0#TBPB | High content. |

Noted:

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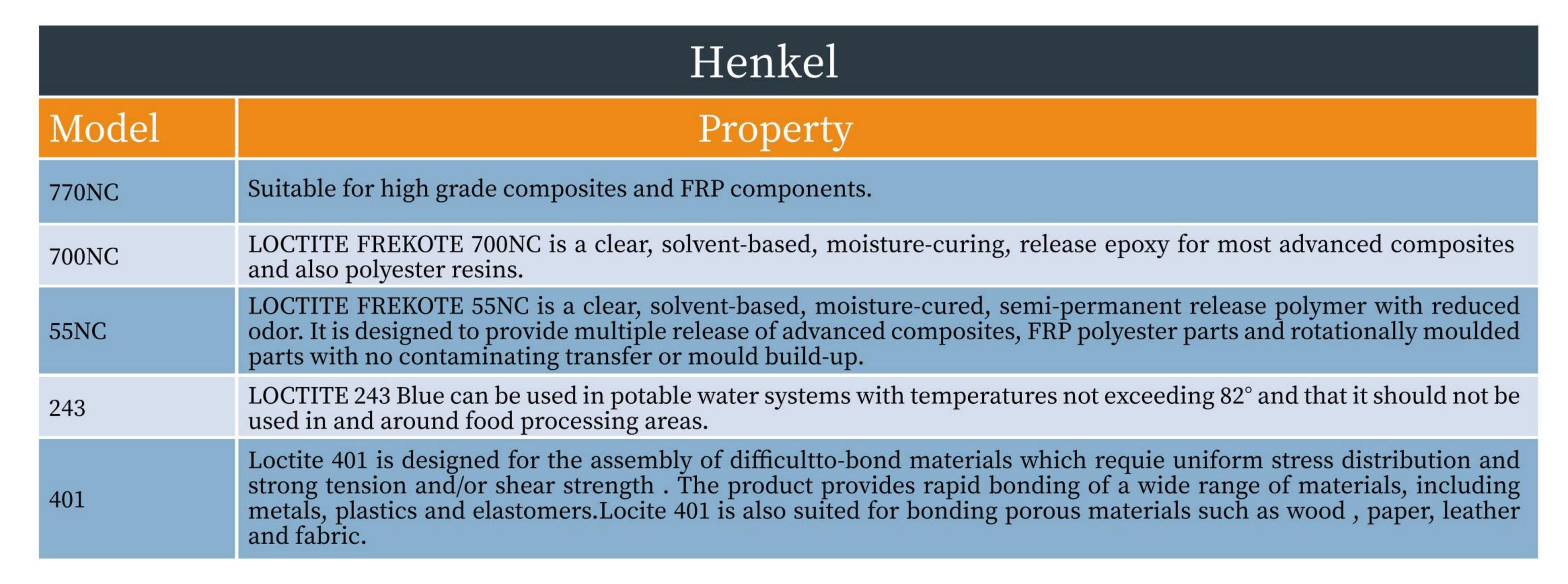


| Evergreen Promoter series | |
|---------------------------|---|
| Model | Property |
| TC-HT8A | With DC 191, 191 hand paste FRP, winding process. |
| TC-A2 | Common crafts, high content. |
| TC-HT8B | With DC 191, 191 hand lay up FRP, winding process, can used in low temperature environment. |
| TC-D | Colorless highly effective promoter, general best selling model. |
| TC-E | High end transparent crafts, high concentration. |
| TC-WD | Environmental protection type, supporting food grade resin. |
| TC-E4 | colorless and efficient. |
| TC-1305 | vinyl, heat resistant and anticorrosive. |
| TC-dimethylaniline | speed up resin curing for extremely cold weather. |
| TC-Concentrated cobalt | Apply to all kinds of air-dried coatings. |
| TC-ST | speed up surface air drying. |

| Evergreen Gel coat color paste series | |
|---------------------------------------|---|
| Model | Property |
| TC-gel coat 33H | It is unsaturated polyester resin gel coat suitable for manufacturing general-purpose products with high requirements. |
| TC-gel coat 301-S | It is vinyl ester resin gel coat that applicable to the manufacture of products that need to be painted on the surface of gel coat, such as car body and accessories, rowing and other products. Hand brush or spray molding can be used. |
| TC-color paste (common color) | It is mainly used for coloring in the gel coat and bedding resin of the unsaturated resin molding system. It is a paste formed by evenly dispersing pigments and other additives in the special resin. It has good color fastness, photothermal stability, little impact on the resin curing, and can be firmly cross-linked with the molding resin, and the pigment is firmly wrapped in it. Wanqian color paste has stable performance and long shelf life. Colors can be customized. |
| TC-color paste (special color) | It is mainly used for coloring in the gel coat and bedding resin of the unsaturated resin molding system. It is a paste formed by evenly dispersing pigments and other additives in the special resin. It has good color fastness, photothermal stability, little impact on the resin curing, and can be firmly cross-linked with the molding resin, and the pigment is firmly wrapped in it. Wanqian color paste has stable performance and long shelf life. Colors can be customized. |
| TC-epoxy color paste | It is mainly used for coloring in the gel coat and bedding resin of the unsaturated resin molding system. It is a paste formed by evenly dispersing pigments and other additives in the special resin. It has good color fastness, photothermal stability, little impact on the resin curing, and can be firmly cross-linked with the molding resin, and the pigment is firmly wrapped in it. Wanqian color paste has stable performance and long shelf life. Colors can be customized. |
| TC-heat resistant color paste | It is mainly used for coloring in the gel coat and bedding resin of the unsaturated resin molding system. It is a paste formed by evenly dispersing pigments and other additives in the special resin. It has good color fastness, photothermal stability, little impact on the resin curing, and can be firmly cross-linked with the molding resin, and the pigment is firmly wrapped in it. Wanqian color paste has stable performance and long shelf life. Colors can be customized. |

Noted:

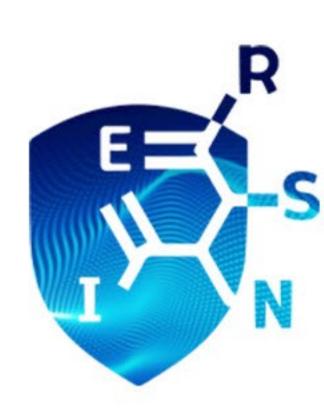




| Mould dealing series | |
|-----------------------------|---|
| Model | Property |
| TC-release agent | Especially suitable for extruded profiles/grids/round tubes/SMC/flat bars/radomes and other profiles. |
| TR-102 | It is easy to smear, wipe, fast and separate, reducing the accumulation of wax and styrene, and has no lines after polishing. |
| TR-104 | Easy to use, easy to remove, can stand on it for a period of time, and easy to polish and wipe, providing superior high temperature and chemical properties for the hard film, which can be cast to a high gloss without producing streaks, reducing the accumulation of wax and styrene. |
| Oxbond 333 | It is suitable for demoulding of fiberglass and artificial stone. |
| Oxbond 102 | It is applicable to all kinds of fiberglass products and artificial stone resin casting products. |
| Oxbond 8 | It is widely used in yachts, fishing boats, auto parts, rail transit, sanitary ware and other fields. |
| Oxbond-polish- ing water | It is widely used in glass fiber reinforced plastic molds, carbon fiber products, yachts and fishing boats, auto parts, rail transit, sanitary ware and other fields. |
| Meguiar's | The Meguiar family can now manufacture more than 300 kinds of cleaning agents, polishing, protective waxes, moisturizers and protective products for different surfaces, which are applied to household, automobile, yacht, ship, train and aircraft, covering almost all surface treatment fields. |
| FK-333 | It is used for effective demoulding of any fiberglass or artificial marble parts, polyester, polyurethane, etc. |
| FK-69N | It is used for the production of resin products such as FRP and the renovation and maintenance of FRP moulds. |

| Mould dealing series | |
|---------------------------|---|
| Model | Property |
| PMR-EZ | It is a special semi-permanent release agent specially designed for the polyester mold industry. |
| Chemlease 15 sealer EZ | It can reduce the pore problem, provide a good bottom layer for various types of release agents, apply to most mold surfaces, and have high temperature resistance. |

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| Mould dealing series | |
|------------------------------|---|
| Model | Property |
| Chemlease Mold Cleaner EZ | It is a special solvent mixture designed to dissolve and remove wax scale from composite mold. It is an ideal mold preparation product before using Chemlesmold sealers and release agents. Can also clean brushes and related tools. |
| Floor Wax | This product is used to protect and decorate wood or terrazzo, marble and artificial marble. Use the release agent of dry plastic, fiberglass, hardware and other molds. |

| Silicon powder series | |
|-----------------------|---|
| Model | Property |
| QS20LS | This type fumed silica is mainly used for silicone rubber (HTV, RTV), resin coating, paint, ink, electronics, paper making, medicine, cosmetics, tooth hair, adhesive, plastic rice, etc. |
| CABOT M-5 | This type fumed silica are applied to silicone rubber, resin coating, paint, ink, electronics, paper making, cosmetics, toothpaste, adhesives and plastics. |
| Wacker N20 | This type fumed silica are used in paints and coatings, RTV silicone sealant printing oil, cable insulation glue and cable gel, food and cosmetics. |
| HP 200 | HP 200 are applied to adhesives and sealants, silicone rubber and other elastomers, coatings, paints and inks, resins and cable materials. |
| TC-A380 | It is used to prevent sedimentation, thickening and sagging. |

| Others | |
|------------------|--|
| Model | Property |
| Poly-putty base | Apply to furniture repair, hardware and mechanical repair. |
| TC-Diluent | Multi-element diluent is an important organic synthesis raw material, which is used to produce epoxy resin, polycarbonate, organic glass, medicine, pesticide, etc. |
| TC-DMMP | It is widely used in fire prevention and flame retardance of polymer materials. |
| BASF auxiliaries | It is a polymer wetting and dispersing agent, used for the anti-flocculation of inorganic and organic pigments in high-quality solvent-based color paste, and used for the dispersion of inorganic and organic pigments in high-quality solvent-based color paste. Anti-floating, blooming, phase separation, delaying the floating time of PS material. |
| LR color paste | It is used for coloring and adding artificial stone, glass fiber reinforced plastic, resin advertising word cooling tower, bathtub and various amusement facilities. |



Noted:



MANHOLE UNSATURATED POLYESTER RESIN



TERT-BUTYL PEROXYBENZOATE



NANYA EPOXY RESIN 901X75



TRIGONOX 101



PERKADOX 14S-FL



VESTAMIN IPD ISOPHORONE DIAMINE



PERKADOX BC-FF DICUMYL PEROXIDE



BOAT BUILDING UNSATURATED RESIN

OUR ADVANTAGES

- 1.PROVIDE EXPORT CERTIFICATED NECESSARY FOR EXPORT IN SHORT TIME, DELIVERY TIME FAST.
- 2.NO DISTRICT LIMIT, CAN EXPORT OUR CHEMICALS TO EVERY CORNER OF THE WORLD.
- 3.CORPORATE WITH WORLD FAMOUS BRAND, QUALITY ASSURED, COST EFFECTIVE .
- 4.PROFESSIONAL AND STRONG TECHNICAL SUPPORT.
- 5.FULL LINE FRP RAW MATERIALS, YOUR ONE STOP PURCHASING PLATFORM.
- 6.HOT CHEMICALS, SHORT OF SUPPLY CHEMICALS, WE HAVE .
 7.RICH EXPORT EXPERIENCE IN HIGH DANGEROUS GOODS , LIKE
 CHEMICALS TRIGONOX 301 , PERKADOX 16 WHICH NEED COOL
 CONTAINER.





BYK AGENTS



JUSHI CHOPPED STR-AND MAT



DMP-30 EPOXY RESIN ACCELERATOR



JUSHI DIRECT ROVING



DYTEK® A AMINE CAS 15520-10-2



INOES VINYL ESTER RESIN



LAUROX



MALEIC ANHYDRIDE