



| A-PI-330 TDS | | | | |
|--|------------------|-------------------|-----------------|-------------------|
| Test Features | Test Method | Unit | Test Conditions | Results |
| Rockwell Hardness | GB/T 3398.2-2008 | HRE | 23°C | 49 |
| Impact strength of unnotched simply supported beams | GB/T 1043.1-2008 | kJ/m ² | 23°C | 160 |
| Flexural Strength | GB/T 9341-2008 | MPa | 23°C | 132 |
| | | | 260°C | 64 |
| Flexural Modulus | GB/T 9341-2008 | MPa | 23°C | 3180 |
| | | | 260°C | 1754 |
| Tensile Strength | GB/T 1040.1-2018 | MPa | 23°C | 107 |
| | | | 260°C | 41 |
| Elongation at break | GB/T 1040.1-2018 | % | 23°C | 12.6 |
| | | | 260°C | 26.2 |
| Compressive Strength | GB/T 1041-2008 | MPa | 1% Deformation | 21 |
| | | | 10% Deformation | 146 |
| Coefficient of thermal expansion | ASTM D-696 | μm/m/k | 296~573K | 55 |
| Shear Strength | HG/T 3839-2006 | MPa | 23°C | 101 |
| Poisson's ratio | ASTM D638-10 | / | 23°C | 0.36 |
| Surface Resistance | IEC 61340 | Ω | 23°C | >10 ¹² |
| Density | GB/T 4472—2011 | g/cm ³ | 23°C | 1.41 |
| Friction coefficient | GB/T 3960-2016 | / | 2h | 0.24 |
| Wear Quality | GB/T 3960-2016 | mg | 2h | 4.4 |
| Absorption | GB/T 1034-2008 | % | 24h | 0.12 |
| | | | 48h | 0.22 |
| <ul style="list-style-type: none"> • The above data are product sample measurement values, not guaranteed values; • All products are formed by compression, with a certain degree of directionality; | | | | |