



A-PI-5001 TDS				
Testing Items	Testing Standards	Unit	Temperature	Detection Result
Surface Hardness	GB/T 3398.2-2008	HRE	23°C	94
Impact Strength	GB/T 1043.1-2008	kJ/m ²	23°C	98
Bending Strength	GB/T 9341-2008	MPa	23°C	254
			260°C	78
Bending Modulus	GB/T 9341-2008	MPa	23°C	5119
			260°C	2417
Tensile Strength	GB/T 1040.1-2018	MPa	23°C	135
			260°C	53
Elongation At Break	GB/T 1040.1-2018	%	23°C	7.2
			260°C	37.1
Compressive Strength	GB/T 1041-2008	MPa	1% Deformation	22
			10% Deformation	118
Poisson's ratio	ASTM D638-10	/	23°C	/
Density	GB/T 1033.1-2008	g/cm ³	23°C	1.43
Surface resistivity	IEC 61340	Ω	23°C	10 ¹⁴ -10 ¹⁵
Friction Coefficient	GB/T 3960-2016	/	2h	0.15
Wear And Tear Quality	GB/T 3960-2016	mg	2h	4
Water absorption rate	GB/T 1034-2008	%	24h	0.11
			48h	0.18

• The above data are product sample measurement values, not guaranteed values;
• All products are formed by compression, with a certain degree of directionality;