



A-PI-6010				
Test Features	Test Method	Unit	Test Conditions	Results
Rockwell Hardness	GB/T 3398.2-2008	HRE	23°C	86
Impact strength of unnotched simply supported beams	GB/T 1043.1-2008	kJ/m <sup>2</sup>	23°C	73
Flexural Strength	GB/T 9341-2008	MPa	23°C	224
			260°C	96
Flexural Modulus	GB/T 9341-2008	MPa	23°C	4314
			260°C	2653
Tensile Strength	GB/T 1040.1-2018	MPa	23°C	138
			260°C	50
Elongation at break	GB/T 1040.1-2018	%	23°C	9.5
			260°C	14.0
Compressive Strength	GB/T 1041-2008	MPa	1% Deformation	32
			10% Deformation	169
Coefficient of thermal expansion	ASTM D-696	μm/m/k	296~573K	58
Shear Strength	HG/T 3839-2006	MPa	23°C	124
Poisson's ratio	ASTM D638-10	/	23°C	0.32
Surface Resistance	IEC 61340	Ω	23°C	>10 <sup>12</sup>
Density	GB/T 4472—2011	g/cm <sup>3</sup>	23°C	1.4
Friction coefficient	GB/T 3960-2016	/	2h	0.17
Wear Quality	GB/T 3960-2016	mg	2h	3.3
Absorption	GB/T 1034-2008	%	24h	0.11
			48h	0.21

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