

PROPERTIES

Kind	Item	Method	Unit	Value
Mechanical	Thickness	-	mm	12-18
	Density	ASTM D792	g/cm ³	0.85 ± 0.03
	Flexural Strength	ASTM D790	kg/cm ²	116
			Mpa	11.38
			psi	1650
	Compressive Strength	ASTM D695	kg/cm ²	118
			Mpa	11.6
			psi	1682
	Compressive Stress For A Compressive Strain Of 30%	ASTM D695	kg/cm ²	169
			Mpa	16.6
psi			2413	
Hardness	ASTM D676	SHORE D	65	
Impact Strength (+20°C)	ASTM D256	kg.cm/cm ²	8.78	
		Mpa	0.86	
		psi	125	
Thermal	Vicat Softening Temperature	ASTM D1525	°C	107.8
	Coefficient Of Linear Thermal Expansion (From -30°C to+ 50°C)	ASTM D696	mm/m°C	13.14x10 ⁻⁵
	Heating Deflection Temperature	ASTM D648	°C	84.7
	Thermal Conductivity (From 0°C to +60°C)	ASTM C518	w/mk	0.1256
Electrical	Volume Resistivity	ASTM D257	Ω.cm	1.5304x10 ¹⁶
	Surface Resistance	ASTM D257	Ω	2.6599x10 ¹⁶
	Dielectric Strength	JIS K6911	kv/cm	4.08

