

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	15000	MPa	ISO 178
Flexural strength	220	MPa	ISO 178
Charpy notched impact strength, +23°C	35	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 80	-	ISO 2039-2
ASTM Data			
Tensile Strength	175	MPa	ASTM D 638
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	290	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Electrical properties	Value	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	3.8	-	IEC 62631-2-1
Dissipation factor, 1MHz	300	E-4	IEC 62631-2-1
Volume resistivity	9E13	Ohm*m	IEC 62631-3-1
Electric strength	44	kV/mm	IEC 60243-1
Comparative tracking index	125	-	IEC 60112
ASTM Data			
Arc Resistance	130	s	ASTM D 495
Other properties	Value	Unit	Test Standard
Density	1610	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific