

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	80	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Flexural modulus, 23°C	6400	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	207	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	19	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
ASTM Data			
Arc Resistance	99	s	ASTM D 495

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183

Characteristics

Additives

Flame retarding agent

Special Characteristics

Flame retardant, Halogen-free, Light stabilized or stable to light, U.V. stabilized or stable to weather

Certifications

RoHS compliant

Applications

Electrical and Electronical

Regional Availability

Asia Pacific