

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	90	MPa	ISO 527
Strain at break	3.5	%	ISO 527
Flexural modulus, 23°C	4700	MPa	ISO 178
Flexural strength	140	MPa	ISO 178
Charpy notched impact strength, +23°C	5.1	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 90	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	50	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-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			
Volume resistivity	4E14	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Density	1490	kg/m ³	ISO 1183

Characteristics

Additives

Flame retarding agent

Certifications

Recycled Resin Content

Special Characteristics

Flame retardant

Regional Availability

Asia Pacific