

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	42	MPa	ISO 527
Yield strain	100	%	ISO 527
Flexural modulus, 23°C	1290	MPa	ISO 178
Charpy notched impact strength, +23°C	8.1	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	10.6	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	206	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Other properties			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1060	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Barrier Properties

Certifications

Contains renewable resources

Applications

Automotive, Electrical and Electronical, Sports Equipment

Regional Availability

Asia Pacific