

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	47	MPa	ISO 527
Strain at break	1.8	%	ISO 527
Flexural modulus, 23°C	4360	MPa	ISO 178
Flexural strength	84	MPa	ISO 178
Charpy notched impact strength, +23°C	1.9	kJ/m ²	ISO 179/1eA
Rockwell hardness	M 65	-	ISO 2039-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	70	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	70	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	2E13	Ohm*m	IEC 62631-3-1
Electric strength	15	kV/mm	IEC 60243-1
Comparative tracking index	225	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1670	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	65	°C	-
Zone 1	210	°C	-
Zone 2	230	°C	-
Zone 3	260	°C	-
Injection speed	67	mm/s	-

Characteristics

Processing

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Features

Low Warpage

Regional Availability

Asia Pacific