

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	17800	MPa	ISO 527
Tensile Strength	222	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	15800	MPa	ISO 178
Charpy impact strength, +23°C	100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	22	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	90	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	20	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	214	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	222	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.6	mm	-
ASTM Data			
Glass Transition Temperature	55	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1580	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.09	%	-
Melt temperature	280 - 330	°C	-
Mold temperature	50 - 130	°C	-
Zone 1	265 - 300	°C	-
Zone 2	280 - 330	°C	-
Zone 3	280 - 330	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, White

Special Characteristics

Platable, High impact or impact modified

Features

Low Warpage

Certifications

Contains renewable resources

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific