

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10600	MPa	ISO 527
Tensile Strength	130	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	10000	MPa	ISO 178
Izod impact strength, +23°C	55	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223	°C	ISO 11357-1/-3
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
Other properties			
Density	1410	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.07	%	-
Melt temperature	260 - 300	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	265 - 275	°C	-
Zone 2	280 - 295	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Flame retardant, Halogen-free, Platable

Features

Low Warpage

Certifications

Contains renewable resources

Applications

Electrical and Electronical

Regional Availability

North America, Asia Pacific