

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			
ISO Data			
Tensile Modulus	17000	MPa	ISO 527
Yield stress	190	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	15000	MPa	ISO 178
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	257	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.3	mm	-
Other properties			
Density	1580	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	280 - 290	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	265 - 270	°C	-
Zone 2	280 - 290	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Flame retardant, Halogen-free, Platable, High impact or impact modified

Features

Low Warpage

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific