

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	280	°C	-
Load	10	kg	-
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Tensile Strength	95	MPa	ISO 527
Strain at break	1.7	%	ISO 527
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	50	°C	ISO 11357-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
Other Standards^{S1}			
Volume resistivity	5.3E12	Ohm*m	IEC 61340-2-3
Surface resistivity	5.7E12	Ohm	IEC 61340-2-3

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Humidity absorption	0.1	%	Sim. to ISO 62
Density	2250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 5	h	-
Mold temperature	100 - 150	°C	-
Zone 1	260 - 295	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather, Thermally Conductive

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America