

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	10000 / 7500	MPa	ISO 527
Yield stress	150 / 120	MPa	ISO 527
Yield strain	4 / 5	%	ISO 527
Flexural modulus, 23°C	7500 / 5000	MPa	ISO 178
Flexural strength	210 / 190	MPa	ISO 178
Charpy notched impact strength, +23°C	12 / 16	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	10 / 13	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	257 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	220 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	240 / *	°C	ISO 75-1/-2

Electrical properties	dry / cond	Unit	Test Standard
Other Standards^[S]			
Volume resistivity	1E11 / 1E13	Ohm*m	IEC 60093
Surface resistivity	* / 1E15	Ohm	IEC 60093

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

Other properties	dry / cond	Unit	Test Standard
Density	1370 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	60 - 90	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Chemical Resistance

Hydrolytically Stable

Delivery form

Natural Color

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Heat stabilized or stable to heat