

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.2 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	16500 / -	MPa	ISO 527
Stress at break	205 / -	MPa	ISO 527
Strain at break	3 / -	%	ISO 527
Flexural modulus, 23°C	15000 / -	MPa	ISO 178
Flexural strength	350 / -	MPa	ISO 178
Izod notched impact strength, +23°C	18 / -	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	55 / *	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1

Other properties	dry / cond	Unit	Test Standard
Density	1560 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 20	h	-
Processing humidity	≤0.1	%	-
Melt temperature	265 - 290	°C	-
Mold temperature	60 - 100	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe