

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	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 / 6700	MPa	ISO 527
Stress at break	200 / 130	MPa	ISO 527
Strain at break	3.5 / 7	%	ISO 527
Flexural modulus, 23°C	9500 / -	MPa	ISO 178
Flexural strength	300 / -	MPa	ISO 178
Charpy impact strength, +23°C	86 / 95	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12 / 17	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	253 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	265 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	210 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	19 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	95 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E11 / -	Ohm*m	IEC 62631-3-1
Comparative tracking index	600 / -	-	IEC 60112
Other properties	dry / cond	Unit	Test Standard
Water absorption	4.5 / *	%	Sim. to ISO 62
Density	1360 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Automotive

Regional Availability

Europe, Asia Pacific