

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	33000 / 20000	MPa	ISO 527
Stress at break	270 / 200	MPa	ISO 527
Strain at break	1.5 / 2.5	%	ISO 527
Flexural modulus, 23°C	30000 / 22000	MPa	ISO 178
Flexural strength	370 / 300	MPa	ISO 178
Charpy impact strength, +23°C	60 / 70	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	55 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9 / 12	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7 / -	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	255 / *	°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	235 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	4 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	78 / *	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			
Surface resistivity	* / 1000	Ohm	IEC 62631-3-2
Other properties	dry / cond	Unit	Test Standard
Density	1340 / -	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

Features

Tribologic Grade

Delivery form

Black

Regional Availability

Europe, Asia Pacific