

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.5	g/10min	ISO 1133
Temperature	380	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	14100	MPa	ISO 527
Stress at break	140	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Charpy impact strength, +23°C	48	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Shore D hardness	83	-	ISO 7619-1
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	343	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	315	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	15	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E8	Ohm*m	IEC 62631-3-1
Other properties			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.04	%	Sim. to ISO 62
Density	1440	kg/m ³	ISO 1183

Characteristics

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Features

Tribologic Grade

Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical, Encapsulation, Medical

Regional Availability

Europe