

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	3.2	%	ISO 527
Flexural modulus, 23°C	10500	MPa	ISO 178
Flexural strength	230	MPa	ISO 178
Charpy impact strength, +23°C	68	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	225	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Glow Wire Flammability Index (GWFI)	725	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Comparative tracking index	400	-	IEC 60112
Other properties			
Water absorption	0.4	%	Sim. to ISO 62
Density	1530	kg/m ³	ISO 1183

Characteristics

Delivery form

Black

Applications

Automotive, Electrical and Electronical

Chemical Resistance

General Chemical Resistance

Regional Availability

Europe, Asia Pacific