

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	31000	MPa	ISO 527
Stress at break	190	MPa	ISO 527
Strain at break	1.2	%	ISO 527
Flexural modulus, 23°C	32500	MPa	ISO 178
Flexural strength	300	MPa	ISO 178
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	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	215	°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	-
Other properties			
Water absorption	0.4	%	Sim. to ISO 62
Density	1440	kg/m ³	ISO 1183

Characteristics

Delivery form

Black

Applications

Automotive

Features

Tribologic Grade

Regional Availability

Europe, Asia Pacific