

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	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8400	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Flexural strength	250	MPa	ISO 178
Charpy impact strength, +23°C	110	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	110	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	25	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	15	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	205	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	145	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Density	1330	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	270	°C	-
Mold temperature	80	°C	-
Injection pressure	75	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified

Features

Laser Markable

Applications

Automotive

Regional Availability

Europe, Asia Pacific