

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	3.8	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Density	1270	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Mold temperature	80 - 120	°C	-
Feed temperature	60 - 80	°C	-
Nozzle temperature	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

High impact or impact modified

Features

Tribologic Grade

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Sports Equipment

Regional Availability

Europe