

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4100	MPa	ISO 527
Stress at break	85	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
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	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
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