

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	8600 / 6200	MPa	ISO 527
Stress at break	160 / 110	MPa	ISO 527
Strain at break	5.5 / 6.5	%	ISO 527
Flexural modulus, 23°C	7700 / -	MPa	ISO 178
Flexural strength	230 / -	MPa	ISO 178
Charpy impact strength, +23°C	110 / 90	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	110 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	16 / -	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	12 / -	kJ/m ²	ISO 179/1eA
Ball indentation hardness	195 / -	MPa	ISO 2039-1

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	140 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	1310 / -	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

Natural Color

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Certifications

Contains renewable resources

Applications

Automotive

Regional Availability

Europe, Asia Pacific