

Processing/Physical Characteristics	dry / cond	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	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	12800 / 8200	MPa	ISO 527
Stress at break	210 / 130	MPa	ISO 527
Strain at break	4 / 5	%	ISO 527
Flexural modulus, 23°C	10300 / -	MPa	ISO 178
Flexural strength	300 / -	MPa	ISO 178
Charpy impact strength, +23°C	110 / 117	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	110 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18 / 23	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	14 / -	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	20 / -	kJ/m ²	ISO 180/1A
Izod notched impact strength	14 / -	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	215 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	14 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	110 / *	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Glow Wire Ignition Temperature (GWIT)	675	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.6	mm	-

Other properties	dry / cond	Unit	Test Standard
Density	1450 / -	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

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific