

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577
Thermal conductivity of melt	0.41	W/(m K)	-
Spec. heat capacity of melt	1530	J/(kg K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	21000 / 13500	MPa	ISO 527
Stress at break	250 / 160	MPa	ISO 527
Strain at break	2.5 / 3.5	%	ISO 527
Charpy impact strength, +23°C	90 / 95	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	90 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / 25	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	20 / -	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	220 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	13 / *	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	59 / *	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Other properties			
Density	1700 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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