

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	4800 / 2800	MPa	ISO 527
Stress at break	115 / 70	MPa	ISO 527
Strain at break	3.5 / 20	%	ISO 527
Flexural modulus, 23°C	4400 / -	MPa	ISO 178
Flexural strength	170 / -	MPa	ISO 178
Charpy impact strength, +23°C	38 / 116	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	37 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4 / 5	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Volume resistivity	1E11 / -	Ohm*m	IEC 62631-3-1
Comparative tracking index	600 / -	-	IEC 60112
Other properties	dry / cond	Unit	Test Standard
Water absorption	8 / *	%	Sim. to ISO 62
Density	1200 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	320	°C	-
Mold temperature	100	°C	-
Injection pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Black

Regional Availability

Europe, Asia Pacific