

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	8500 / 6000	MPa	ISO 527
Stress at break	160 / 110	MPa	ISO 527
Strain at break	3 / 6	%	ISO 527
Flexural modulus, 23°C	6600 / -	MPa	ISO 178
Flexural strength	230 / -	MPa	ISO 178
Charpy impact strength, +23°C	50 / 70	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	45 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	6 / -	kJ/m ²	ISO 180/1A
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262 / *	°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	dry / cond	Unit	Test Standard
Density	1320 / -	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

Delivery form

Black

Features

Nucleated

Applications

Automotive

Regional Availability

Europe, Asia Pacific