

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.0 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.3 / *	%	ISO 294-4, 2577
Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	5000 / 5100	MPa	ISO 527
Stress at break	75 / 75	MPa	ISO 527
Strain at break	2.6 / 2.6	%	ISO 527
Flexural modulus, 23°C	6000 / -	MPa	ISO 178
Flexural strength	135 / -	MPa	ISO 178
Charpy impact strength, +23°C	35 / 35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3 / 3	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	342 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	160 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	145 / *	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Other properties	dry / cond	Unit	Test Standard
Density	1460 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	385	°C	-
Mold temperature	195	°C	-
Injection pressure	200	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Features

Tribologic Grade

Applications

Aircraft and Aerospace, Automotive, Medical

Regional Availability

Europe, Asia Pacific