

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	13500	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	13000	MPa	ISO 178
Flexural strength	225	MPa	ISO 178
Charpy impact strength, +23°C	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	342	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	175	°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	Value	Unit	Test Standard
Density	1440	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