

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	300	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	23000	MPa	ISO 527
Stress at break	145	MPa	ISO 527
Strain at break	0.9	%	ISO 527
Charpy impact strength, +23°C	17	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	285	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	260	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Volume resistivity	100	Ohm*m	IEC 62631-3-1
Other properties			
Water absorption	0.02	%	Sim. to ISO 62
Density	1500	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120 - 140	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.02	%	-
Melt temperature	320 - 340	°C	-
Mold temperature	140 - 180	°C	-
Back pressure	1	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity, Anti-static

Features

Thermal Stability

Chemical Resistance

General Chemical Resistance

Applications

Aircraft and Aerospace, Automotive, Electrical and Electronical, Encapsulation