

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.7	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1700	MPa	ISO 527
Yield stress	46	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	1560	MPa	ISO 178
Izod notched impact strength, +23°C	19.8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Vicat softening temperature, B	162	°C	ISO 306
Electrical properties			
ASTM Data			
Surface Resistivity	1E10	Ohm	ASTM D 257
Other properties			
Density	1370	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	160 - 180	°C	-
Mold temperature	70 - 80	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Copolymer

Delivery form

Black

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Increased electrical conductivity