

Mechanical properties	Value	Unit	Test Standard
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ISO Data			
Tensile Modulus	17000	MPa	ISO 527
Stress at break	230	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	17000	MPa	ISO 178
ASTM Data			
Izod Impact notched, 1/8 in	95	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	700	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
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ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	15	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Oxygen index	25	%	ISO 4589-1/-2

Other properties	Value	Unit	Test Standard
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Density	1610	kg/m ³	ISO 1183
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Processing Recommendation Injection Molding	Value	Unit	Test Standard
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Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	280	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa