

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11500	MPa	ISO 527
Stress at break	190	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	11500	MPa	ISO 178
ASTM Data			
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	460	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	230	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	18	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
Electrical properties			
ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Electric strength	30	kV/mm	IEC 60243-1
Comparative tracking index	400	-	IEC 60112
Other properties			
Density	1430	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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, Natural Color

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Applications

General Purpose

Regional Availability

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