

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18000	MPa	ISO 527
Stress at break	250	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	16000	MPa	ISO 178
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	241	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1700	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	290 - 320	°C	-
Mold temperature	90	°C	-
Back pressure	1	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

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