

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Stress at break	77.9 / 51	MPa	ISO 527
Strain at break	2 / 5	%	ISO 527
Flexural modulus, 23°C	8410 / 3000	MPa	ISO 178
Flexural strength	155 / 55	MPa	ISO 178
Charpy notched impact strength, +23°C	5.05 / 6.94	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5.05 / 6.94	kJ/m ²	ISO 180/1A

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	193 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	238 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1500 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	288 - 305	°C	-
Mold temperature	60 - 100	°C	-
Screw speed	40 - 80	rpm	-
Injection pressure	68.9	MPa	-
Back pressure	0 - 0.35	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

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