

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Stress at break	130 / 95.8	MPa	ISO 527
Strain at break	3 / 7	%	ISO 527
Flexural modulus, 23°C	6700 / 4960	MPa	ISO 178
Flexural strength	193 / 143	MPa	ISO 178
Charpy notched impact strength, +23°C	18.9 / 23.1	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	18.9 / 23.1	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	238 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	253 / *	°C	ISO 75-1/-2
Other properties			
Density	1330	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	71.1	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 293	°C	-
Mold temperature	26.7 - 93.3	°C	-
Zone 1	266 - 282	°C	-
Zone 2	271 - 288	°C	-
Zone 3	277 - 299	°C	-
Nozzle temperature	266 - 282	°C	-
Screw speed	30 - 60	rpm	-
Injection pressure	68.9	MPa	-
Back pressure	0.0689 - 0.689	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

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