

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	223	MPa	ISO 527
Izod notched impact strength, +23°C	17.5	kJ/m ²	ISO 180/1A
ASTM Data			
Elongation at Yield	6	%	ASTM D 638
Flexural Modulus	11700	MPa	ASTM D 790
Flexural Strength	290	MPa	ASTM D 790

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	263	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	244	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties	Value	Unit	Test Standard
Density	1570	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	60 - 90	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, South and Central America