

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.00125	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.015	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Shore D hardness	89	-	ISO 7619-1
ASTM Data			
Tensile Modulus	25000	MPa	ASTM D 638
Tensile Strength at Break	240	MPa	ASTM D 638
Elongation at Break	1.5	%	ASTM D 638
Flexural Modulus	22000	MPa	ASTM D 790
Flexural Strength	370	MPa	ASTM D 790
Izod Impact notched, 1/8 in	90	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Coeff. of linear therm. expansion, parallel	6	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	50	E-6/K	ISO 11359-1/-2
ASTM Data			
DTUL @ 264 psi	325	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	100000	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.05	%	ASTM D 570
Water Absorption, Equilibrium	0.13	%	ASTM D 570
Density	1400	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	350 - 390	°C	-
Mold temperature	170 - 190	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive, General Purpose

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa