

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Modulus	11500	MPa	ASTM D 638
Tensile Strength at Break	130	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	12000	MPa	ASTM D 790
Flexural Strength	165	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
Electrical properties			
ASTM Data	Value	Unit	Test Standard
Surface Resistivity	100000	Ohm	ASTM D 257
Other properties			
Value	Unit	Test Standard	
Density	1380	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	4	h	-
Melt temperature	280 - 310	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Flame retardant, Halogen-free

Regional Availability

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