

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength at Break	100	MPa	ASTM D 638
Elongation at Break	5	%	ASTM D 638
Flexural Modulus	7000	MPa	ASTM D 790
Flexural Strength	160	MPa	ASTM D 790
Rockwell Hardness	M 92	-	ASTM D 785
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	140	°C	ASTM D 648
Vicat Temperature	160	°C	ASTM D 1525
Electrical properties			
ASTM Data	Value	Unit	Test Standard
Dielectric Strength, Short Time	19	kV/mm	ASTM D 149
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Other properties			
Value	Unit	Test Standard	
Density	1430	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Value	Unit	Test Standard	
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 300	°C	-
Mold temperature	70 - 110	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, South and Central America