

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
Value	Unit	Test Standard	
ASTM Data			
Tensile Strength	68.9	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2310	MPa	ASTM D 790
Flexural Strength	91	MPa	ASTM D 790
Rockwell Hardness	M 80	-	ASTM D 785
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
Value	Unit	Test Standard	
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	132	°C	ASTM D 648
DTUL @ 264 psi	127	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Electrical properties			
Value	Unit	Test Standard	
ASTM Data			
Dielectric Strength, Short Time	16	kV/mm	ASTM D 149
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Arc Resistance	120	s	ASTM D 495
Optical properties			
Value	Unit	Test Standard	
ASTM Data			
Haze	0.65	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003
Index of Refraction	1.58	-	ASTM D 542
Other properties			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Release agent

Applications

Automotive, General Purpose

Regional Availability

North America