

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	32	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	66.9	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2070	MPa	ASTM D 790
Flexural Strength	86.2	MPa	ASTM D 790
Rockwell Hardness	M 80	-	ASTM D 785
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	99	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
Value	Unit	Test Standard	
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.508	mm	-
DTUL @ 66 psi	132	°C	ASTM D 648
DTUL @ 264 psi	126	°C	ASTM D 648
Vicat Temperature	152	°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**Delivery form**

Pellets

Special Characteristics

U.V. stabilized or stable to weather

Additives

Release agent

Regional Availability

North America