

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	69.6	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Flexural Strength	93.1	MPa	ASTM D 790
Rockwell Hardness	M 80	-	ASTM D 785
Izod Impact notched, 1/8 in	800	J/m	ASTM D 256
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	6.0	mm	-
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	3	mm	-
DTUL @ 66 psi	141	°C	ASTM D 648
DTUL @ 264 psi	132	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Electrical properties			
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			
ASTM Data			
Haze	0.65	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003
Index of Refraction	1.58	-	ASTM D 542
Other properties			
Water Absorption, 24hr	0.15	%	ASTM D 570
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Additives

Release agent

Special Characteristics

U.V. stabilized or stable to weather

Applications

General Purpose

Regional Availability

North America