

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	65.5	MPa	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	2140	MPa	ASTM D 790
Flexural Strength	89.6	MPa	ASTM D 790
Rockwell Hardness	M 85	-	ASTM D 785
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	143	°C	ASTM D 648
DTUL @ 264 psi	135	°C	ASTM D 648
Vicat Temperature	152	°C	ASTM D 1525
Other properties			
Water Absorption, 24hr	0.14	%	ASTM D 570
Density	1240	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Flame retardant, U.V. stabilized or stable to weather

Applications

General Purpose

Regional Availability

North America