

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	0.0035	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	77.9	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	3100	MPa	ASTM D 790
Flexural Strength	120	MPa	ASTM D 790
Izod Impact notched, 1/8 in	120	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	139	°C	ASTM D 648
Vicat Temperature	150	°C	ASTM D 1525
Other properties			
Density	1260	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Regional Availability

North America

Special Characteristics

Flame retardant