

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			
Value	Unit	Test Standard	
ASTM Data			
Tensile Strength	82.7	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	3450	MPa	ASTM D 790
Flexural Strength	124	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Thermal properties			
Value	Unit	Test Standard	
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	146	°C	ASTM D 648
DTUL @ 264 psi	143	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Electrical properties			
Value	Unit	Test Standard	
ASTM Data			
Dielectric Strength, Short Time	17	kV/mm	ASTM D 149
Other properties			
Value	Unit	Test Standard	
Density	1310	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets

Regional Availability

North America