

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	60	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Melt Flow Index, MFI	5.2	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2480	MPa	ASTM D 638
Tensile Strength at Yield	37.9	MPa	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	2070	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	200	J/m	ASTM D 256
Izod Impact notched, 1/4 in	150	J/m	ASTM D 256
Thermal properties			
ISO Data			
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	2.5	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
Coefficient of Thermal Expansion, MD	130	E-6/K	ASTM D 696
DTUL @ 66 psi	82.8	°C	ASTM D 648
DTUL @ 264 psi	72.8	°C	ASTM D 648
Vicat Temperature	87.8	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Volume Resistivity	1E15	Ohm*cm	ASTM D 257
Other properties			
Density	1200	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant, High impact or impact modified

Delivery form

Pellets

Regional Availability

North America