

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2350	MPa	ISO 527
Yield stress	63	MPa	ISO 527
Yield strain	6	%	ISO 527
Strain at break	70	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Izod notched impact strength, +23°C	65	kJ/m ²	ISO 180/1A
Izod notched impact strength	12	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	0.75	mm	-
DTUL @ 66 psi	133	°C	ASTM D 648
DTUL @ 264 psi	122	°C	ASTM D 648
Vicat Temperature	140	°C	ASTM D 1525
Electrical properties			
ASTM Data			
Dissipation Factor, 60 Hz	0.001	-	ASTM D 150
Dissipation Factor, 1 MHz	0.01	-	ASTM D 150
Dielectric Constant, 60 Hz	3	-	ASTM D 150
Dielectric Constant, 1 MHz	3	-	ASTM D 150
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, Equilibrium	0.35	%	ASTM D 570
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 290	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Special Characteristics

U.V. stabilized or stable to weather, Transparent