

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	65	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	3000	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	850	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 66 psi	130	°C	ASTM D 648
DTUL @ 264 psi	125	°C	ASTM D 648
Vicat Temperature	140	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280 - 300	°C	-
Mold temperature	70 - 95	°C	-

Characteristics

Processing

Injection Molding

Additives

Release agent

Special Characteristics

Flame retardant, Halogen-free, High impact or impact modified, U.V. stabilized or stable to weather

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific