

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	12	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	65	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	3100	MPa	ASTM D 790
Flexural Strength	115	MPa	ASTM D 790
Izod Impact notched, 1/8 in	850	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	130	°C	ASTM D 648
DTUL @ 264 psi	125	°C	ASTM D 648
Vicat Temperature	145	°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	275 - 295	°C	-
Mold temperature	70 - 95	°C	-

Characteristics

Processing

Injection Molding

Additives

Release agent

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific