

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	54.9	MPa	ASTM D 638
Elongation at Break	130	%	ASTM D 638
Flexural Modulus	2109	MPa	ASTM D 790
Flexural Strength	89.3	MPa	ASTM D 790
Rockwell Hardness	R 118	-	ASTM D 785
Izod Impact notched, 1/8 in	566	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	283	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.7	mm	-
DTUL @ 264 psi	125	°C	ASTM D 648

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	100 - 110	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	285 - 300	°C	-
Mold temperature	80 - 100	°C	-
Zone 1	275 - 290	°C	-
Zone 2	280 - 295	°C	-
Zone 3	290 - 300	°C	-
Nozzle temperature	285 - 300	°C	-
Screw speed	40 - 70	rpm	-
Back pressure	1 - 4	MPa	-

Characteristics

Processing

Injection Molding

Applications

Electrical and Electronical

Special Characteristics

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

Regional Availability

North America, Europe, Asia Pacific, South and Central America