

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.021	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	1931	MPa	ASTM D 638
Tensile Strength	44.8	MPa	ASTM D 638
Flexural Modulus	2068	MPa	ASTM D 790
Flexural Strength	75.8	MPa	ASTM D 790
Rockwell Hardness	R 112	-	ASTM D 785
Izod Impact notched, 1/8 in	320	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 66 psi	191	°C	ASTM D 648
DTUL @ 264 psi	71.1	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.8	%	ASTM D 570
Density	1260	kg/m ³	ASTM D 792
Moisture Content	0.2	%	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	4	h	-
Melt temperature	277 - 299	°C	-
Mold temperature	65.6 - 107	°C	-
Injection pressure	68.9 - 124	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

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