

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	13790	MPa	ASTM D 638
Tensile Strength	228	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	12070	MPa	ASTM D 790
Flexural Strength	345	MPa	ASTM D 790
Izod Impact notched, 1/8 in	347	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 66 psi	260	°C	ASTM D 648
DTUL @ 264 psi	254	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ASTM D 792
Moisture Content	0.2	%	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	271 - 299	°C	-
Mold temperature	65.6 - 124	°C	-
Injection pressure	34.5 - 124	MPa	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat