

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0145	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	65	MPa	ASTM D 638
Flexural Modulus	1200	MPa	ASTM D 790
Izod Impact notched, 1/8 in	51	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	1.2	%	ASTM D 570
Water Absorption, Equilibrium	8.4	%	ASTM D 570
Density	1140	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	260 - 270	°C	-
Mold temperature	80	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America