

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13.5	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	50	MPa	ASTM D 638
Elongation at Break	90	%	ASTM D 638
Flexural Modulus	2200	MPa	ASTM D 790
Flexural Strength	89	MPa	ASTM D 790
Izod Impact notched, 1/8 in	640	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
DTUL @ 264 psi	135	°C	ASTM D 648
Melting Temperature	280	°C	ASTM D 3418
Vicat Temperature	155	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Melt temperature	265 - 290	°C	-
Mold temperature	70 - 110	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe, South and Central America

Special Characteristics

Flame retardant, U.V. stabilized or stable to weather, Transparent