

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Modulus	6000 / 3500	MPa	ASTM D 638
Tensile Strength	129 / 77	MPa	ASTM D 638
Tensile Strength at Break	139 / 75	MPa	ASTM D 638
Elongation at Break	3.5 / 10	%	ASTM D 638
Flexural Modulus	5100 / 3300	MPa	ASTM D 790
Flexural Strength	173 / 90	MPa	ASTM D 790

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	214 / *	°C	ISO 306
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	220	°C	ASTM D 648
DTUL @ 264 psi	200	°C	ASTM D 648
Melting Temperature	222	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Processing humidity	≤0.2	%	-
Melt temperature	240 - 260	°C	-
Mold temperature	70 - 120	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, South and Central America