

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18.5	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	75	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2300	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Izod Impact notched, 1/8 in	700	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
DTUL @ 264 psi	135	°C	ASTM D 648
Vicat Temperature	155	°C	ASTM D 1525

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	19	kV/mm	ASTM D 149

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	265 - 290	°C	-
Mold temperature	70 - 110	°C	-

Characteristics

Processing
Injection Molding

Special Characteristics
U.V. stabilized or stable to weather

Delivery form
Black

Regional Availability
North America, Europe, South and Central America