

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	67	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0125	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.62	MPa	ASTM D 412
Modulus at 300% Elongation	1.4	MPa	ASTM D 412
Shore A Hardness	65	-	ASTM D 2240
Tear Strength	47.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	34	%	ASTM D 395
Tensile Strength at Break	13.8	MPa	ASTM D 412
Elongation at Break	710	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	51.7 - 54.4	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	188 - 210	°C	-
Mold temperature	21.1 - 32.2	°C	-
Zone 1	168 - 188	°C	-
Zone 2	179 - 199	°C	-
Zone 3	191 - 210	°C	-
Nozzle temperature	191 - 216	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	12.7 - 50.8	mm/s	-
Back pressure	0 - 0.862	MPa	-
Holding pressure	0.621 - 1.45	MPa	-

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets, Natural Color

Features

Soft Feel

Chemical Resistance

Oil Resistance

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa