

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	100	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.45	MPa	ASTM D 412
Modulus at 300% Elongation	0.6	MPa	ASTM D 412
Shore A Hardness	47	-	ASTM D 2240
Tear Strength	17.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	43	%	ASTM D 395
Tensile Strength at Break	4.49	MPa	ASTM D 412
Elongation at Break	820	%	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	1040	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	193 - 221	°C	-
Mold temperature	21.1 - 37.8	°C	-
Zone 1	182 - 193	°C	-
Zone 2	188 - 202	°C	-
Zone 3	193 - 204	°C	-
Nozzle temperature	199 - 218	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	12.7 - 76.2	mm/s	-
Back pressure	0.172 - 0.345	MPa	-
Holding pressure	2.41 - 4.34	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Features

Soft Feel

Certifications

Food contact

Applications

General Purpose, Sports Equipment

Regional Availability

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