

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	87	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	1.59	MPa	ASTM D 412
Modulus at 300% Elongation	0.71	MPa	ASTM D 412
Shore A Hardness	40	-	ASTM D 2240
Tear Strength	24.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	20	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	99	%	ASTM D 395
Tensile Strength at Break	7.76	MPa	ASTM D 412
Elongation at Break	1200	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	920	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	193 - 221	°C	-
Mold temperature	21.1 - 26.7	°C	-
Zone 1	166 - 188	°C	-
Zone 2	182 - 204	°C	-
Zone 3	193 - 210	°C	-
Nozzle temperature	193 - 210	°C	-
Screw speed	25 - 75	rpm	-
Injection speed	25.4 - 76.2	mm/s	-
Back pressure	0 - 0.621	MPa	-
Holding pressure	0.621 - 1.24	MPa	-

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Special Characteristics

Transparent

### Features

Good Adhesion, Soft Feel

### Certifications

Food contact

### Applications

Sports Equipment

### Regional Availability

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