

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3</b>	g/10min	ASTM D 1238
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.0125</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>1.52</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>0.76</b>	MPa	ASTM D 412
Shore A Hardness	<b>55</b>	-	ASTM D 2240
Tear Strength	<b>24.5</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>17</b>	%	ASTM D 395
Tensile Strength at Break	<b>5.34</b>	MPa	ASTM D 412
Elongation at Break	<b>740</b>	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	<b>880</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	<b>15.6 - 37.8</b>	°C	-
Zone 1	<b>166 - 177</b>	°C	-
Zone 2	<b>177 - 188</b>	°C	-
Zone 3	<b>188 - 227</b>	°C	-
Nozzle temperature	<b>188 - 227</b>	°C	-
Screw speed	<b>25 - 75</b>	rpm	-
Injection speed	<b>25.4 - 127</b>	mm/s	-
Back pressure	<b>0.345 - 1.03</b>	MPa	-
Holding pressure	<b>0.517 - 1.9</b>	MPa	-

**Characteristics**

**Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

U.V. stabilized or stable to weather, Transparent

**Features**

Good Adhesion, Soft Feel

**Chemical Resistance**

Ozone Resistance

**Certifications**

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

**Applications**

General Purpose

**Regional Availability**

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