

**Product Texts**

Aromatic thermoplastic polyurethane elastomer.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	18.4	MPa	ASTM D 638
Elongation at Break	675	%	ASTM D 638
Shore A Hardness	80	-	ASTM D 2240

**Other properties**

	Value	Unit	Test Standard
Water Absorption, Equilibrium	0.17	%	ASTM D 570

**Processing Recommendation Injection Molding**

	Value	Unit	Test Standard
Pre-drying - Temperature	71.1 - 93.3	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	166 - 188	°C	-
Zone 1	138 - 160	°C	-
Zone 2	138 - 160	°C	-
Zone 3	138 - 160	°C	-
Nozzle temperature	177 - 199	°C	-

**Processing Recommendation Extrusion**

	Value	Unit	Test Standard
Pre-drying - Temperature	71.1 - 93.3	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.05	%	-
Melt temperature	166 - 188	°C	-
Zone 1	138 - 160	°C	-
Zone 2	138 - 160	°C	-
Zone 3	138 - 160	°C	-
Nozzle temperature	177 - 199	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Features**

Good Drawdown, Melt Strength

**Certifications**

Contains renewable resources, Medical Grade, Biocompatibility ISO 10993

**Applications**

Medical

**Regional Availability**

North America