

**Product Texts**

Aliphatic polycarbonate-based urethane.

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	14	g/10min	ASTM D 1238
Temperature	205	°C	-
Load	3.26	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	37.9	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Shore D Hardness	75	-	ASTM D 2240

**Other properties**

	Value	Unit	Test Standard
Density	1250	kg/m <sup>3</sup>	ASTM D 792

**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	204 - 227	°C	-
Zone 1	193 - 216	°C	-
Zone 2	193 - 216	°C	-
Zone 3	199 - 221	°C	-
Nozzle temperature	216 - 238	°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	204 - 227	°C	-
Zone 1	193 - 216	°C	-
Zone 2	193 - 216	°C	-
Zone 3	199 - 221	°C	-
Nozzle temperature	216 - 238	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Chemical Resistance**

General Chemical Resistance, Environmental Stress Crack Resistance, Solvent Resistance

**Certifications**

Contains renewable resources, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

**Applications**

Medical

**Regional Availability**

North America