

Product Texts

Aromatic polycarbonate-based urethane.

Processing/Physical Characteristics

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

Mechanical properties

	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	37.9	MPa	ASTM D 638
Elongation at Break	275	%	ASTM D 638
Shore D Hardness	75	-	ASTM D 2240

Other properties

	Value	Unit	Test Standard
Water Absorption, Equilibrium	1	%	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	216 - 238	°C	-
Zone 1	166 - 188	°C	-
Zone 2	171 - 193	°C	-
Zone 3	193 - 216	°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	216 - 238	°C	-
Zone 1	166 - 188	°C	-
Zone 2	171 - 193	°C	-
Zone 3	193 - 216	°C	-
Nozzle temperature	216 - 238	°C	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Chemical Resistance

General Chemical Resistance, Environmental Stress Crack Resistance

Certifications

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

Applications

Medical

Regional Availability

North America