

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8.4	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	5	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	70.3	MPa	ASTM D 638
Tensile Strength at Break	57.2	MPa	ASTM D 638
Elongation at Yield	5.3	%	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2455	MPa	ASTM D 790
Flexural Strength	96.5	MPa	ASTM D 790
Izod Impact notched, 1/8 in	192	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	140	°C	ASTM D 648
Other properties			
ASTM Data			
Water Absorption, Equilibrium	0.05	%	ASTM D 570
Density	1080	kg/m ³	ASTM D 792

Characteristics

Certifications

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Regional Availability

North America

Applications

Medical