

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	50	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0175	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	57.3	MPa	ASTM D 638
Tensile Strength at Break	25.3	MPa	ASTM D 638
Elongation at Yield	3.7	%	ASTM D 638
Elongation at Break	140	%	ASTM D 638
Flexural Modulus	2392	MPa	ASTM D 790
Flexural Strength	79.3	MPa	ASTM D 790
Izod Impact notched, 1/8 in	36.8	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	48.9	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.34	%	ASTM D 570
Density	1310	kg/m ³	ASTM D 792

Characteristics

Certifications

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

Regional Availability

North America

Applications

Medical