

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.2	g/10min	ASTM D 1238
Temperature	280	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	57.9	MPa	ASTM D 638
Tensile Strength at Break	49	MPa	ASTM D 638
Elongation at Yield	7.2	%	ASTM D 638
Elongation at Break	28	%	ASTM D 638
Flexural Modulus	2641	MPa	ASTM D 790
Flexural Strength	72.4	MPa	ASTM D 790
Rockwell Hardness	R119	-	ASTM D 785
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	118	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.006	%	ASTM D 570
Density	1060	kg/m ³	ASTM D 792

Characteristics

Certifications

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

Regional Availability

North America

Applications

Medical