

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	68.9	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	2992	MPa	ASTM D 790
Rockwell Hardness	M92	-	ASTM D 785
Izod Impact notched, 1/8 in	160	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	93.3	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.56	%	ASTM D 570
Density	1420	kg/m ³	ASTM D 792

Characteristics

Features

Homopolymer

Certifications

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

Applications

Medical

Regional Availability

North America