

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	36	g/10min	ASTM D 1238
Temperature	400	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	99.3	MPa	ASTM D 638
Elongation at Yield	5.2	%	ASTM D 638
Elongation at Break	15	%	ASTM D 638
Flexural Modulus	3792	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Rockwell Hardness	R102	-	ASTM D 785
Izod Impact notched, 1/8 in	50.7	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi ann.: annealed	160 ^[ann.]	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1300	kg/m ³	ASTM D 792

Characteristics

Chemical Resistance

General Chemical Resistance, Radiation Resistance

Certifications

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

Applications

Medical

Regional Availability

North America