

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37.9	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1862	MPa	ASTM D 790
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	79.4 ^[ann.]	°C	ASTM D 648
ann.: annealed			

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	3	%	ASTM D 1003
Light Transmittance	91	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified, Transparent

Certifications

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

Applications

Medical

Regional Availability

North America