

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	3650	MPa	ASTM D 638
Tensile Strength	96.5	MPa	ASTM D 638
Elongation at Yield	5.2	%	ASTM D 638
Elongation at Break	25	%	ASTM D 638
Flexural Modulus	3860	MPa	ASTM D 790
Flexural Strength	152	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	162	°C	ASTM D 648
Melting Temperature	340	°C	ASTM D 3418
Glass Transition Temperature	150	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.1	%	ASTM D 570
Density	1300	kg/m ³	ASTM D 792

Characteristics

Processing

Compression Molding

Delivery form

Powder, Natural Color

Special Characteristics

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat

Features

Ductile, Fatigue Resistance

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance

Certifications

Medical Grade, Biocompatibility ISO 10993

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa