

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955
Mechanical properties			
	Value	Unit	Test Standard
ISO Data			
Yield stress	49	MPa	ISO 527
Yield strain	4.1	%	ISO 527
Stress at break	23	MPa	ISO 527
Strain at break	40	%	ISO 527
Flexural modulus, 23°C	1890	MPa	ISO 178
Flexural strength	67	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	46.1	MPa	ASTM D 638
Tensile Strength at Break	46.1	MPa	ASTM D 638
Elongation at Yield	4.5	%	ASTM D 638
Elongation at Break	120	%	ASTM D 638
Flexural Modulus	1893	MPa	ASTM D 790
Flexural Strength	70.6	MPa	ASTM D 790
Rockwell Hardness	R 105	-	ASTM D 785
Izod Impact notched, 1/8 in	105	J/m	ASTM D 256
Thermal properties			
	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	62	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	72	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 66 psi	70	°C	ASTM D 648
DTUL @ 264 psi	62	°C	ASTM D 648
Optical properties			
	Value	Unit	Test Standard
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	90	%	ASTM D 1003
Other properties			
	Value	Unit	Test Standard
Density	1270	kg/m ³	ASTM D 792

Characteristics

Processing

Injection Molding

Special Characteristics

Transparent

Chemical Resistance

General Chemical Resistance

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific, South and Central America