

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
Value	Unit	Test Standard	
ASTM Data			
Tensile Modulus	2275	MPa	ASTM D 638
Tensile Strength at Break	43.4	MPa	ASTM D 638
Elongation at Break	60	%	ASTM D 638
Flexural Modulus	2275	MPa	ASTM D 790
Flexural Strength	66.9	MPa	ASTM D 790
Rockwell Hardness	M 21	-	ASTM D 785
Izod Impact notched, 1/8 in	58.7	J/m	ASTM D 256
Thermal properties			
Value	Unit	Test Standard	
ASTM Data			
Vicat Temperature	72.2	°C	ASTM D 1525
Optical properties			
Value	Unit	Test Standard	
ASTM Data			
Haze	5	%	ASTM D 1003
Light Transmittance	85	%	ASTM D 1003
Index of Refraction	1.47	-	ASTM D 542
Other properties			
Value	Unit	Test Standard	
Density	1180	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified, Transparent

Features

Good Adhesion, Weldable

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance, Radiation Resistance

Applications

Medical

Regional Availability

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