

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	27	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	2896	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	2965	MPa	ASTM D 790
Rockwell Hardness	M 84	-	ASTM D 785
Izod Impact notched, 1/8 in	16	J/m	ASTM D 256
Thermal properties			
ASTM Data			
Vicat Temperature	81.1	°C	ASTM D 1525
Optical properties			
ASTM Data			
Haze	2	%	ASTM D 1003
Light Transmittance	92	%	ASTM D 1003
Index of Refraction	1.49	-	ASTM D 542
Other properties			
Water Absorption, 24hr	0.3	%	ASTM D 570
Density	1180	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

U.V. stabilized or stable to weather, Transparent

Features

Good Adhesion, Weldable

Chemical Resistance

Acid Resistance, Alkali Resistance, General Chemical Resistance

Applications

Medical

Regional Availability

North America, South and Central America