

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
ASTM Data			
Tensile Strength at Yield	47	MPa	ASTM D 638
Tensile Strength at Break	48	MPa	ASTM D 638
Elongation at Yield	5.8	%	ASTM D 638
Elongation at Break	150	%	ASTM D 638
Flexural Modulus	1860	MPa	ASTM D 790
Flexural Strength	71	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	N	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 66 psi	80	°C	ASTM D 648

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	1	%	ASTM D 1003
Light Transmittance	89	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat, Transparent

Features

Copolymer

Chemical Resistance

General Chemical Resistance, Stain Resistance

Certifications

Contains renewable resources, Food contact, Food approval FDA 21 CFR, Drinking water contact, Drinking water contact NSF 61

Regional Availability

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