

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Tensile Strength at Break	48.3	MPa	ASTM D 638
Elongation at Yield	5.7	%	ASTM D 638
Elongation at Break	81	%	ASTM D 638
Flexural Modulus	2455	MPa	ASTM D 790
Flexural Strength	95.8	MPa	ASTM D 790
Rockwell Hardness	R122	-	ASTM D 785
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	137	°C	ASTM D 648
DTUL @ 264 psi	122	°C	ASTM D 648
Vicat Temperature	146	°C	ASTM D 1525

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	0.6	%	ASTM D 1003
Light Transmittance	89	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.15	%	ASTM D 570
Water Absorption, Equilibrium	0.32	%	ASTM D 570
Density	1190	kg/m ³	ASTM D 792

Characteristics

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

North America