

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Tensile Strength at Break	65.5	MPa	ASTM D 638
Elongation at Yield	7	%	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Flexural Modulus	2340	MPa	ASTM D 790
Rockwell Hardness	R118	-	ASTM D 785
Taber Abrasion Resistance	10	mg/1000 cycles	ASTM D 1044
Izod Impact notched, 1/8 in	800	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	3200	J/m	ASTM D 256
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	138	°C	ASTM D 648
DTUL @ 264 psi	132	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Thermal Conductivity, solid state	0.0274	W/(m K)	ASTM C 177
Specific Heat	1260	J/(kg K)	ASTM C 351
<b>Optical properties</b>			
Value	Unit	Test Standard	
<b>ASTM Data</b>			
Haze	1	%	ASTM D 1003
Light Transmittance	88	%	ASTM D 1003
Index of Refraction	1.59	-	ASTM D 542
<b>Other properties</b>			
Value	Unit	Test Standard	
Water Absorption, 24hr	0.15	%	ASTM D 570
Water Absorption, Equilibrium	0.35	%	ASTM D 570
Density	1200	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

North America

**Special Characteristics**

U.V. stabilized or stable to weather, Transparent