

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	5	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>			
<b>ISO Data</b>			
Tensile Strength	70	MPa	ISO 527
Flexural modulus, 23°C	2040	MPa	ISO 178
Flexural strength	100	MPa	ISO 178
Rockwell hardness	R 122	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	69.7	MPa	ASTM D 638
Flexural Modulus	2040	MPa	ASTM D 790
Flexural Strength	99	MPa	ASTM D 790
Rockwell Hardness	R 122	-	ASTM D 785
Izod Impact notched, 1/8 in	785	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	127	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	1.0	mm	-
Yellow Card available	yes	-	-
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-
<b>ASTM Data</b>			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1	mm	-
DTUL @ 264 psi	127	°C	ASTM D 648
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	90	%	ASTM D 1003
Light Transmittance	95	%	ASTM D 1003
<b>Other properties</b>			
Density	1200	kg/m <sup>3</sup>	ISO 1183
Density	1200	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

White

**Features**

Light Diffusing

**Special Characteristics**

Flame retardant, Halogen-free, U.V. stabilized or stable to weather

**Regional Availability**

Asia Pacific