

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>15</b>	g/10min	ASTM D 1238
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>2400</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>62</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>60</b>	MPa	ASTM D 638
Elongation at Yield	<b>6</b>	%	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>2400</b>	MPa	ASTM D 790
Flexural Strength	<b>96</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 73</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>850</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>N</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn.	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
Yellow Card available	<b>yes</b>	-	-
Glow Wire Ignition Temperature (GWIT)	<b>850</b>	°C	IEC 60695-2-13
GWIT - thickness tested (1)	<b>2</b>	mm	-
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-2</b>	-	UL 94
Thickness tested	<b>0.5</b>	mm	-
Coefficient of Thermal Expansion, MD	<b>68</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>143<sup>[ann.]</sup></b>	°C	ASTM D 648
DTUL @ 264 psi	<b>127</b>	°C	ASTM D 648
Vicat Temperature	<b>148</b>	°C	ASTM D 1525
Limiting Oxygen Index	<b>26</b>	%	ASTM D 2863

ann.: annealed

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Comparative tracking index	<b>250</b>	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>17</b>	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	<b>0.001</b>	-	ASTM D 150
Dielectric Constant, 60 Hz	<b>3</b>	-	ASTM D 150
Volume Resistivity	<b>2E17</b>	Ohm*cm	ASTM D 257

<b>Optical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Haze	<b>1.1</b>	%	ASTM D 1003
Light Transmittance	<b>89</b>	%	ASTM D 1003
Index of Refraction	<b>1.59</b>	-	ASTM D 542

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.15</b>	%	ASTM D 570
Water Absorption, Equilibrium	<b>0.32</b>	%	ASTM D 570
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

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

**Chemical Resistance**

General Chemical Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

Electrical and Electronical

**Regional Availability**

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