

**DATA SHEET**

Properties	Standard	Unit	Typical Value
<b>Physical Properties</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.2
Haze	ASTM D1003	%	-
Tensile Strength	ASTM D1003	%	-
<b>Mechanical Properties</b>			
Tensile Strength	ISO 527	MPa	65
Elongation at Break	ISO 527	%	>100
Tensile Modulus	ISO 527	MPa	2200
Bending Strength	ISO 178	MPa	91
Surface Tension	Test fluid	dyn/cm	>38
Surface Hardness	Test pen	-	2B~B
<b>Electrical Properties</b>			
Dielectric Constant	IEC60250	-	3
Withstand Voltage Value	IEC60243	KV/mm	59
Arc Resistance	IEC60112	-	250
Surface Resistivity	IEC60093	Ω/square	1.00E+16
Volume Resistivity	IEC60093	Ω·cm	1.00E+17
CTI	UL94	-	3
<b>Thermal Properties</b>			
Coefficient of Thermal Expansion	ISO 11359	×10 <sup>-5</sup> /°C	5.8
Thermal Conductivity	ASTM D5470	W/(m*K)	0.2
Shrinkage (150°C)	ASTM D1204	%	0.5~0.7
Glass Transition Temperature	ISO 11357	°C	153
Vicat Softening Point	ISO 11357	°C	156
Flammability - Flame Retardant Grade	E249605	-	V-0/VTM-0

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