



Material Data Sheet

PC Film/Sheet Products

产品描述 Description:

GG: Gloss/Gloss (Equivalent to Lexan 8010)

GG is a Transparent Clear film & sheet which is served daily use of PC film in local and overseas customers. With the use of the world brand PC resin, we produce & offer a broad range of the PC film & sheet used for printing, silk printing, thermoforming, IMD, etc. They are widely used for products as membrane overlays, automotive dials, goggles & face-shield; punching for insulation parts and label; thermo-forming for bicycle helmet, toy-car mould, lamp shade.

物性表 Typical Property Table

特性 Property	测试方法 Test Method	单位 Units	测试值 Test value
物理性 PHYSICAL			
比重 Specific Gravity	ASTM D792	g/cm ³	1.2
透光率 Light Transmissivity	ASTM D1003	%	85~92
雾度 Haze	ASTM D1003	%	< 1
平均吸水率 Water Absorption Equilibrium, 24 hrs	ASTM D570	%	0.23
机械性 MECHANICAL			
拉伸强度 Tensile Strength	ASTM D882	psi	8,800
	ISOR1184-1987	MPa	60
极限延伸率 Elongation at break	ASTM D882	%	>90
冲击强度 Impact Strength @ 10mils	JIS-K6745	In-lbs	120
耐高温性 THERMAL			
维卡软化点 Vicat Softening Point 120 °C/hr, 10N load	ISO 306	°C	151
电气性 ELECTRICAL			
介电强度 Dielectric Strength (@ 10mils)	ASTM D149	V/mil	1,700
体积绝缘 Volume Resistivity@25°C,50%RH	ASTM D257	Ω.cm	10 ¹⁶
表面绝缘 Surface Resistivity@25°C,50%RH	ASTM D257	Ω	10 ¹⁵
阻燃性 FLAMMABILITY			
UL 防火等级 UL Flammability @ ≥10 mils	UL Measure (SGS)	UL94	V-2
@ < 10 mils	UL Measure (SGS)	UL94	VTM-2
厚度公差 Thickness tolerance <0.250mm(0.010")		%	±10%
			≥0.250mm(0.010")

Note: The values in the typical property table are for reference only. For further requirements, please contact us.