



omay[®] Polycarbonate film G11

- ◇ Texture: polished/polished
- ◇ Color: transparent
- ◇ Protective film: PE films on double sides
- ◇ Thickness: 0.125mm~6.0mm
- ◇ Common roll thickness: 0.125mm,0.175mm,0.25mm,0.375mm,0.5mm and 0.76mm
- ◇ Common sheet thickness: 0.5mm,0.8mm,1.0mm,1.2mm,1.5mm,2.0mm and 3.0mm
- ◇ Application: panels, scutcheon, speedometers, toy models, helmets and wide angel lens etc

Product Datasheet

Item	Property	Value	Unit	Test Method
Physical	Density	1.2	g/cm ³	ISO 1183
	Haze	<0.5	%	ASTM D1003
	Light Transmission	89	%	ASTM D1003
Mechanical	Tensile Strength	60	MPa	ISO 527
	Elongation	>100	%	ISO 527
	Bend Strength	91	MPa	ISO 178
	Tensile Modulus	2300	MPa	ISO 178
	Surface tension	≥34	dyn / cm	Test fluid
	Electrical	Dielectric Constant	3	-
Resistant Puncture Voltage		30	MV/mm	IEC 60243
Surface resistivity		1.00E+16	Ω/square	IEC 60093
Volume resistivity		1.00E+17	Ω-cm	IEC 60093
Thermal	Coefficient of Thermal Expansion	5.8	×10 ⁻⁵ /°C	ISO 11359
	Thermal Conductivity Rate	0.2	W/(m*K)	ASTM D5470
	Thermal Shrinkage	0.5~0.7	%	ASTM D1204
	Tg	152	°C	ISO306
Flammability	Grade of resistant flame	V-2/VTM-2		E249605

Tip: This test data is for reference only, not as an absolute application index

