

omay® SB11

PC Film

Suzhou OMAY Optical Materials Co., Ltd

Message:

Tea colour, transparency, polished/polished
Protective film covered on both sides

General Information			
Features	High Clarity		
UL File Number	E249605		
Appearance	Clear/Transparent		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Molding Shrinkage - Flow (150°C)	0.50 to 0.70	%	ASTM D1204
Surface Tension	> 38	mN/m	
Pencil Hardness	2B - B		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	60.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	152	°C	ISO 11357-2
Vicat Softening Temperature	150	°C	ISO 11357
CLTE - Flow	5.8E-5	cm/cm/°C	ISO 11359-2
Thermal Conductivity	0.20	W/m/K	ASTM D5470
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Volume Resistivity	1.0E+17	ohms · cm	ASTM D257
Dielectric Strength	30	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance	20.0 to 30.0	%	ASTM D1003
Haze	< 1.0	%	ASTM D1003

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