

omay® US42

PC/ABS Film

Suzhou OMAY Optical Materials Co., Ltd

Message:

Fire resistant PC/ABS alloy
Natural colour, Velvet/Matte
Environmental, excellent flame retardance, excellent insulating

General Information			
Features	Environmentally Sound		
	Flame Retardant		
Appearance	Matte Finish		
	Natural Color		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	118		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	58.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Flexural Stress	88.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	> 105	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Dielectric Strength	19	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.00 mm	V-0		
1.50 mm	5VB		

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Recommended distributors for this material

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