

Polyopt® BLS64

PS Film
Suzhou OMAY Optical Materials Co., Ltd

Message:
Orange peel/Velvet, nature colour, Polystyrene (PS)

General Information			
Appearance	Natural Color		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Molding Shrinkage	0.20 to 0.60	%	Internal Method
Water Absorption (Equilibrium, 23°C, 50% RH)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	48.0	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	3150	MPa	ISO 178
Flexural Stress	94.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ISO 306
Heat Distortion	86	°C	ISO 306
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms·cm	IEC 60093
Dielectric Constant	3.70		IEC 60250
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance	55.0 to 65.0	%	ASTM D1003
Haze	> 95	%	ASTM D1003

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Recommended distributors for this material

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