

KOPHOS® KO1370

Polycarbonate

Kolon Plastics, Inc.

Message:

KOPHOS® KO1370 is a Polycarbonate (PC) product. It is available in Asia Pacific, Europe, Latin America, or North America. Typical application: Lighting Applications. Primary characteristic: flame rated.

General Information			
Uses	Lighting Diffusers		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	68.7	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	134	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (0.800 to 3.20 mm)	V-2		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance (Total, 1000 µm)	68.0 to 72.0	%	ISO 13468
Haze (1000 µm)	> 99	%	ISO 14782
Haze (2.00 mm)	> 99	%	ISO 14782
Total Transmission (2.00 mm)	54 to 56	%	ISO 13468

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Recommended distributors for this material

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