

KOPHOS® KO1375

Polycarbonate

Kolon Plastics, Inc.

Message:

KOPHOS® KO1375 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)	11	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)	73.0 to 77.0	%	ISO 13468
Haze (1000 µm)	> 99	%	ISO 14782
Haze (2.00 mm)	> 99	%	ISO 14782
Total Transmission	58 to 60	%	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT