

KOPHOS® KO1365H

Polycarbonate
Kolon Plastics, Inc.

Message:
Extrusion, High Diffusion , Moderate Transmittance

General Information			
RoHS Compliance	RoHS compliance		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	60.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	200	%	ISO 527-2
Flexural Modulus (23°C)	2300	MPa	ISO 178
Flexural Stress (23°C)	90.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	128	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (0.8 to 3.2mm)	V-2		UL 94
Optical	Nominal Value	Unit	Test Method
Transmittance (Total)	65.0 - 69.0	%	ISO 13468
Haze	99	%	ISO 14782
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	100 - 120	°C	
Drying Time - Desiccant Dryer	3.0 - 5.0	hr	
Suggested Max Moisture	< 0.030	%	
Rear Temperature	270 - 290	°C	
Middle Temperature	280 - 300	°C	
Front Temperature	290 - 310	°C	
Nozzle Temperature	280 - 300	°C	
Mold Temperature	60 - 90	°C	

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.

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

