

Solarkote® H

Polymethyl Methacrylate Acrylic
Altuglas International of Arkema Inc.

Message:

Solarkote® H is a Polymethyl Methacrylate Acrylic product. It is available in Europe or North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.30 to 0.80	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 50% RH)	0.40	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	20		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1790	MPa	ASTM D638
Tensile Stress (Break, 23°C)	32.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	35	%	ISO 527-2
Flexural Modulus (23°C)	1590	MPa	ISO 178
Flexural Stress (23°C)	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.8	kJ/m²	ASTM D2520
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	85.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	74.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	91.0	°C	ISO 306/A
--	77.0	°C	ISO 306/B
Thermal Conductivity	0.20	W/m/K	ASTM C177
Optical	Nominal Value	Unit	Test Method
Refractive Index ¹	1.490		ISO 489
Transmittance	88.0	%	ASTM D1003
Haze	2.0	%	ASTM D1003
NOTE			
1.	Method B		

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



WECHAT