

Hylex® P1010G10FRMA

Polycarbonate

Ravago Manufacturing Americas, LLC

Message:

Polycarbonate, 10% Glass Filled, Flame Retardant

General Information			
UL YellowCard	E157012-101261413		
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.20 to 0.50	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	83.0	MPa	ISO 527-2
Tensile Strain (Break)	10	%	ISO 527-2
Flexural Modulus	3450	MPa	ISO 178
Flexural Stress	124	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	146	°C	ISO 75-2/B
1.8 MPa, Unannealed	143	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
	V-0		
3.00 mm	5VA		

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

