

Sicoflex 469

Acrylonitrile Butadiene Styrene
Ravago Group

Message:

ABS flame retardant grade PBDE free high flow good light stability

General Information			
UL YellowCard	E103497-218238		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	High Flow		

Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	30	g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.50	%	ISO 2577

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	40.0	MPa	
Break	35.0	MPa	
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	5.0	kJ/m ²	
23°C	15	kJ/m ²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	97.0	°C	ISO 306/A50
--	93.0	°C	ISO 306/B50
Ball Pressure Test (75°C)	Pass		

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms · cm	IEC 60093
Electric Strength (1.00 mm, in Oil)	25	kV/mm	IEC 60243-1
Comparative Tracking Index	500	V	IEC 60112

Flammability	Nominal Value	Unit	Test Method
--------------	---------------	------	-------------

Flame Rating			UL 94
	V-0		
1.60 mm	5VB		
	V-0		
2.80 mm	5VA		
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (1.20 mm)	750	°C	IEC 60695-2-13

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

