

VENYL SFR008 - 8229

Polyamide 6

AD majoris

Message:

VENYL SFR008 - 8229 is a halogen free flame retardant compounds UL 94 V2 with glass fibre reinforced polyamide 6 intended for extrusion.

APPLICATIONS

VENYL SFR008 - 8229 has been developed especially for very demanding applications in automotive industry and electrical parts (specifically designed to fulfil these norms such as: IEC 60335-1 and 2002/95/EC "ROHS").

Products requiring excellent combination between thermal and mechanical properties.

VENYL SFR008 - 8229 is available in natural (VENYL SFR008) but other colours can be provided on request.

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	Recyclable Material		
Uses	Automotive Applications		
	Electrical Parts		
Agency Ratings	IEC 60335-1		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4900	MPa	ISO 527-2
Tensile Stress (Break)	105	MPa	ISO 527-2
Tensile Strain (Break)	1.7	%	ISO 527-2
Flexural Modulus	4400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220	°C	ISO 3146
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12

Extrusion	Nominal Value	Unit
Drying Temperature	90.0	°C
Drying Time	4.0	hr
Cylinder Zone 1 Temp.	240 to 260	°C
Cylinder Zone 3 Temp.	240 to 260	°C
Cylinder Zone 5 Temp.	240 to 260	°C
Melt Temperature	250 to 270	°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.

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

