

Starflam PK0069

Polyamide 6
Eurostar Engineering Plastics

Message:

Starflam PK0069 is a Flame Retardant Mineral Filled Polyamide 6 Injection Molding Resin (also known Starflam PA6 30E6 U2 Z88)

General Information			
Filler / Reinforcement	Mineral		
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.66	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	0.70	%	Internal Method
Water Absorption (23°C, 24 hr)	0.80	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6200	MPa	ISO 527-2/1
Tensile Stress (Break)	63.0	MPa	ISO 527-2/5
Tensile Strain (Break)	1.5	%	ISO 527-2/5
Flexural Modulus ¹	7400	MPa	ISO 178
Flexural Stress	101	MPa	ISO 178
Flexural Strain at Break ²	2.0	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	15	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵			
0.45 MPa, Unannealed, 64.0 mm Span	193	°C	ISO 75-2/Bf
1.8 MPa, Unannealed, 64.0 mm Span	130	°C	ISO 75-2/Af
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	240 to 250	°C	
Middle Temperature	250 to 260	°C	
Front Temperature	250 to 270	°C	
Processing (Melt) Temp	250 to 270	°C	
Mold Temperature	50.0 to 90.0	°C	

NOTE	
1.	2.0 mm/min
2.	2.0 mm/min
3.	80*10*4
4.	80*10*4
5.	80*10*4

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

