

Starflam EXCP0132

Polyamide 6
Eurostar Engineering Plastics

Message:

Starflam EXCP0132 is a Halogen Free and Red Phosphorous Free, Mineral Filled, Polyamide 6 Injection Molding Resin

General Information			
Filler / Reinforcement	Mineral		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	Low (to None) Phosphorus Content		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2/1
Tensile Stress (Break)	70.0	MPa	ISO 527-2/5
Tensile Strain (Break)	2.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹			ISO 180/1A
-40°C	2.0	kJ/m ²	
-20°C	3.0	kJ/m ²	
23°C	3.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ²			
0.45 MPa, Unannealed, 100 mm Span	215	°C	ISO 75-2/Be
1.8 MPa, Unannealed, 100 mm Span	180	°C	ISO 75-2/Ae
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm, Tested by E2P)	V-2		UL 94
Glow Wire Flammability Index (2.50 mm)	850	°C	IEC 60695-2-12
NOTE			
1.	80*10*4		
2.	120*10*4		

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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

