Starflam A28UL

Polyamide 66

Eurostar Engineering Plastics

Message:

Starflam A28UL is Unfilled, Halogen Free and Red Phosphorous Free, Flame Retardant, Polyamide 66 Injection Molding Resin

General Information			
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**
Density	1.14	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	88.0	MPa	ISO 527-2/5
Tensile Strain (Break)	5.0	%	ISO 527-2/5
Flexural Modulus [1]	3400	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength [2] (23°C)	3.0	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature [3] (1.8 MPa, Unannealed, 64.0 mm Span)	86.0	°C	ISO 75-2/Af
CLTE - Flow (23 to 60°C)	6.0E-5	cm/cm/°C	ISO 11359-2
RTI Imp	90.0	°C	UL 746
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+16	ohms	ASTM D257
Comparative Tracking Index	600	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (0.750 mm)	V-2		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	75.0 to 85.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	260 to 270	°C	
Middle Temperature	270 to 280	°C	
Front Temperature	270 to 280	°C	

Processing (Melt) Temp	270 to 280	°C
Mold Temperature	60.0 to 90.0	°C

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

Recommended distributors for this material

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