

Starflam MX06101

Polypropylene
Eurostar Engineering Plastics

Message:
Starflam MX06101 is an Unfilled, Halogen Free Flame Retardant PP Injection Molding Resin

General Information			
UL YellowCard	E340012-100755064		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	1.8	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2/50
Tensile Strain (Break)	24	%	ISO 527-2/50
Flexural Modulus ¹	1500	MPa	ISO 178
Flexural Stress	26.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	60	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	50.0	°C	ISO 75-2/Af
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	160 to 170	°C	
Middle Temperature	170 to 180	°C	
Front Temperature	180 to 190	°C	
Processing (Melt) Temp	170 to 190	°C	
Mold Temperature	30.0 to 50.0	°C	

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

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