

Starflam MX05036

Polypropylene
Eurostar Engineering Plastics

Message:
Starflam MX05036 is an Unfilled, Halogen Free Flame Retardant, PP Injection Molding Resin

General Information			
UL YellowCard	E340012-100755063		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Molding Shrinkage - Flow (24 hr)	1.3 to 1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Break)	> 500	%	ISO 527-2
Flexural Modulus	1300	MPa	ISO 178
Flexural Stress	28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	5.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	60	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	50.0	°C	ISO 75-2/Af
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	180 to 190	°C	
Middle Temperature	190 to 200	°C	
Front Temperature	190 to 200	°C	
Processing (Melt) Temp	190 to 200	°C	
Mold Temperature	30.0 to 50.0	°C	

NOTE	
1.	80*10*4
2.	80*10*4
3.	80*10*4

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Recommended distributors for this material

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