

Starflam MX05075

Polypropylene
Eurostar Engineering Plastics

Message:
Starflam MX05075 is an Unfilled Halogen Free Flame Retardant PP Injection Molding Resin

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage - Flow (4.00 mm)	1.3	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	14.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.7	%	ISO 527-2/50
Flexural Modulus ¹	1300	MPa	ISO 178
Flexural Stress	23.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
CLTE			ISO 11359-2
Flow : 23 to 60°C	1.2E-4	cm/cm/°C	
Transverse : 23 to 60°C	1.2E-4	cm/cm/°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm, Tested by E2P	V-2		
3.00 mm, Tested by E2P	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.	2.0 mm/min		

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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

