

LIHAN® A9000EP

Polyamide 66

Nanjing Lihan Chemical Co., Ltd.

Message:

High glowing filament and V0 grade flame retardant PA66

Pamphlet: Environmental brominated flame-retardant materials are suitable for electronic components, breaker etc. It is environmental flame-retardant halogen containing nylon material whose flame-retardant grade is VO. And it can pass 750°C hot wire, 30s no burning.

General Information			
Features	Brominated		
	Flame Retardant		
Uses	Electrical Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage	1.0 to 1.4	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	70.0	MPa	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Stress	85.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	210	°C	ISO 75-2/B
1.8 MPa, Unannealed	75.0	°C	ISO 75-2/A
Melting Temperature	255 to 265	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index ¹	750	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Processing (Melt) Temp	255 to 270	°C	
Mold Temperature	60.0 to 75.0	°C	
NOTE			
1.	No Burning		

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Recommended distributors for this material

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