

LIHAN® A103S

Polyamide 66

Nanjing Lihan Chemical Co., Ltd.

Message:

Halogen free, flame retardant PA66
Pamphlet: The material can be used to electronic components and breaker. It is flame-retardant, halogen-free. Flame-retardant grade reaches to VO, CTI2600. It meets the EU commission ROHS and REACH rule.

General Information			
Features	Flame Retardant		
	Halogen Free		
Uses	Electrical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	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	3100	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	255 to 275	°C	
Mold Temperature	60.0 to 70.0	°C	

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Recommended distributors for this material

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