

LIHAN® D9000

Polyamide 12

Nanjing Lihan Chemical Co., Ltd.

Message:

Environmental low smoking halogen free high fire resistance high—tenacity nylon 12
Pamphlet: Nylon 12 has excellent flexibility with high chemical resistance, oil resistance and abrasion resistance. Its low-temperature brittleness is up to -70°C with low density (1.02 g/cm3) and low water absorption. Environmental low smoking halogen free high fire resistance high-tenacity nylon 12 developed by our company has good fire resistance (UL94 V-0), and meets the EU ROHS requirements. The material can be used to wire 8L cable clip, extruded double-wall corrugated pipe and electrical 8L electronic components.

General Information			
Features	Flame Retardant		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Flexibility		
	Halogen Free		
	Low Density		
	Low Smoke Emission		
	Low to No Water Absorption		
	Oil Resistant		
Uses	Electrical Parts		
	Piping		
	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
	Pipe Extrusion		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	30.0	MPa	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	14	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	178	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	ASTM D257
Comparative Tracking Index	> 500	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method

Flame Rating	V-0	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	220 to 245	°C
Mold Temperature	50.0 to 70.0	°C

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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

