

LIHAN® A706

Polyamide 66

Nanjing Lihan Chemical Co., Ltd.

Message:

High intension glass fiber reinforced Pa66

Pamphlet: The automobile engine gas intake manifold special material has high stiffness (tensile strength=200MPa) and impact property. The good has good surface brightness also. It can be made to kinds of automobile engine gas intake manifold in melting core method.

General Information				
UL YellowCard		E182725-226878		
Filler / Reinforcement		Glass Fiber		
Features		High Impact Resistance		
		High Stiffness		
Uses		Automotive Applications		
Forms		Pellets		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.40	--	g/cm ³	ISO 1183
Molding Shrinkage	0.20 to 0.60	--	%	
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	120	--		ISO 2039-2
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Break)	200	--	MPa	ISO 527-2
Tensile Strain (Break)	3.0	--	%	ISO 527-2
Flexural Modulus	11000	--	MPa	ISO 178
Flexural Stress	300	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact Strength	15	--	kJ/m ²	ISO 180
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, Unannealed	255	--	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	--	°C	ISO 75-2/A
Melting Temperature	260	--	°C	DSC
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+12	1.0E+10	ohms	ASTM D257
Comparative Tracking Index	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method

Flame Rating	HB	--	UL 94
Injection	Dry	Unit	
Processing (Melt) Temp	270 to 300		°C
Mold Temperature	80.0 to 120		°C

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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

