

Badamid® LA70 GF25 HH

Polyamide 66

Bada AG

Message:

Badamid® LA70 GF25 HH is a Polyamide 66 (Nylon 66) material filled with 25% glass fiber. It is available in Europe. Primary attribute of Badamid® LA70 GF25 HH: Flame Rated.

General Information			
UL YellowCard	E189230-227347		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	5.3 to 6.3	%	
Equilibrium, 23°C, 50% RH	1.7 to 2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	8600	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	170	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.8	%	ISO 527-2/5
Flexural Stress (23°C)	245	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	56	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	250	°C	ISO 75-2/B
Melting Temperature (DSC) ¹	260	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.800 mm	HB		
1.60 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 90.0	°C	
NOTE			
1.	10 K/min		

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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



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