

Anjacom® 250-H/GF50

Polyamide 6
Almaak International GmbH

Message:

Anjacom® 250-H/GF50 is a Polyamide 6 (Nylon 6) material filled with 50% glass fiber. It is available in Europe for injection molding.
Important attributes of Anjacom® 250-H/GF50 are:
Flame Rated
Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.55	g/cm³	ISO 1183
Water Absorption			ISO 62
23°C, 24 hr	5.0	%	
Equilibrium, 23°C, 50% RH	1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15500	MPa	ISO 527-2/1
Tensile Stress (Break)	200	MPa	ISO 527-2/5
Tensile Strain (Break)	2.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	18	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	205	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B50
Melting Temperature (DSC)	220	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 10	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	80.0 to 120	°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

