

Anjatech® 250-E/H/GF15

Polyamide 6
Almaak International GmbH

Message:

Anjatech® 250-E/H/GF15 is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Europe.
Important attributes of Anjatech® 250-E/H/GF15 are:
Flame Rated
Heat Stabilizer
Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm³	ISO 1183
Water Absorption			ISO 62
23°C, 24 hr	8.0	%	
Equilibrium, 23°C, 50% RH	2.5	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5500	MPa	ISO 527-2/1
Tensile Stress (Break)	100	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m²	ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	200	°C	ISO 75-2/B
1.8 MPa, Unannealed	160	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Melting Temperature	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	250 to 280	°C
Mold Temperature	80.0 to 120	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

