

Anjacom® 250-GF15

Polyamide 6
Almaak International GmbH

Message:

Anjacom® 250-GF15 is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Europe for injection molding. Primary attribute of Anjacom® 250-GF15: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.23	g/cm ³	ISO 1183
Water Absorption			ISO 62
23°C, 24 hr	8.5	%	
Equilibrium, 23°C, 50% RH	2.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6000	MPa	ISO 527-2/1
Tensile Stress (Break)	125	MPa	ISO 527-2/5
Tensile Strain (Break)	3.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Ball Pressure Test (210°C)	Pass		IEC 60695-10-2
Melting Temperature (DSC)	220	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Electric Strength	25	kV/mm	IEC 60243-1
Comparative Tracking Index	550	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Ignition Temperature (4.00 mm)	650	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 10	hr	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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