

Anjatech® 250-E/UV/GF15

Polyamide 6
Almaak International GmbH

Message:

Anjatech® 250-E/UV/GF15 is a Polyamide 6 (Nylon 6) material filled with 15% glass fiber. It is available in Europe.
Important attributes of Anjatech® 250-E/UV/GF15 are:
Flame Rated
Good UV Resistance
UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.22	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.0 to 1.3	%	
Flow	0.40 to 0.70	%	
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	6000	MPa	ISO 527-2/1
Tensile Stress (Break)	95.0	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.5	kJ/m²	
23°C	6.0	kJ/m²	
Charpy Unnotched Impact Strength (23°C)	55	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	205	°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
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Recommended distributors for this material

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