

Anjacom® R250-H/GF30

Polyamide 6
Almaak International GmbH

Message:

Anjacom® R250-H/GF30 is a Polyamide 6 (Nylon 6) material filled with 30% glass fiber. It is available in Europe for injection molding.
Important attributes of Anjacom® R250-H/GF30 are:
Flame Rated
Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.36	g/cm³	ISO 1183
Water Absorption			ISO 62
23°C, 24 hr	7.5	%	
Equilibrium, 23°C, 50% RH	2.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ISO 527-2/1
Tensile Stress (Break)	140	MPa	ISO 527-2/5
Tensile Strain (Break)	3.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	212	°C	ISO 75-2/B
1.8 MPa, Unannealed	195	°C	ISO 75-2/A
Vicat Softening Temperature	203	°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	260 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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