

Anjacom® J255-H/M/GF 20/10

Polyamide 6
Almaak International GmbH

Message:

Anjacom® J255-H/M/GF 20/10 is a Polyamide 6 (Nylon 6) material filled with 10% glass fiber and 20% mineral. It is available in Europe for injection molding.
Important attributes of Anjacom® J255-H/M/GF 20/10 are:
Flame Rated
Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight Mineral,20% 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/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.50 to 0.80	%	
Flow	0.40 to 0.70	%	
Water Absorption			ISO 62
23°C, 24 hr	7.5	%	
Equilibrium, 23°C, 50% RH	2.4	%	
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 (23°C)	3.5	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 (0.45 MPa, Unannealed)	210	°C	ISO 75-2/B
Vicat Softening Temperature	200	°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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