

Anjacom® 055/80-GF20 Natural

Polycarbonate + ABS
Almaak International GmbH

Message:

Anjacom® 055/80-GF20 Natural is a Polycarbonate + ABS (PC+ABS) material filled with 20% glass fiber. It is available in Europe for injection molding.
Primary attribute of Anjacom® 055/80-GF20 Natural: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.25	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	15.0	cm³/10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.20 to 0.50	%	
Flow	0.30 to 0.60	%	
Water Absorption			ISO 62
23°C, 24 hr	0.60	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6900	MPa	ISO 527-2/1
Tensile Stress (Break)	110	MPa	ISO 527-2/5
Tensile Strain (Break)	2.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/B
1.8 MPa, Unannealed	124	°C	ISO 75-2/A
Vicat Softening Temperature	137	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	95.0	°C	
Drying Time	2.0 to 5.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	60.0 to 90.0	°C	

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Recommended distributors for this material

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