

Anjacom® R196-GF30

Polyamide 66/6 Copolymer

Almaak International GmbH

Message:

Anjacom® R196-GF30 is a Polyamide 66/6 Copolymer (Nylon 66/6) material filled with 30% glass fiber. It is available in Europe for injection molding. Primary attribute of Anjacom® R196-GF30: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.36	g/cm³	ISO 1183
Water Absorption (Equilibrium, 23°C, 50% RH)	2.4	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6500	MPa	ISO 527-2/1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	210	°C	ISO 306/B50
Melting Temperature (DSC) ¹	240	°C	Internal Method
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 300	°C	
Mold Temperature	80.0 to 120	°C	
NOTE			
1.	Kofler		

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Recommended distributors for this material

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