

Anjacom® R195-H/GF30

Polyamide 66/6 Copolymer

Almaak International GmbH

Message:

Anjacom® R195-H/GF30 is a Polyamide 66/6 Copolymer (Nylon 66/6) material filled with 30% glass fiber. It is available in Europe for injection molding. Important attributes of Anjacom® R195-H/GF30 are:

Flame Rated

Heat Stabilizer

Typical application of Anjacom® R195-H/GF30: Automotive

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/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	0.80 to 1.3	%	
Flow	0.30 to 0.60	%	
Water Absorption			ISO 62
23°C, 24 hr	5.8	%	
Equilibrium, 23°C, 50% RH	2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8400	MPa	ISO 527-2/1
Tensile Stress (Break)	125	MPa	ISO 527-2/5
Tensile Strain (Break)	2.7	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	48	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	225	°C	ISO 75-2/B
1.8 MPa, Unannealed	215	°C	ISO 75-2/A
Vicat Softening Temperature	220	°C	ISO 306/B50
Melting Temperature (DSC) ¹	245	°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	275 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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