

Anjacom® 200C-P

Polyamide 6
Almaak International GmbH

Message:

Anjacom® 200C-P is a Polyamide 6 (Nylon 6) material. It is available in Europe for injection molding.
Important attributes of Anjacom® 200C-P are:
Flame Rated
Medium Viscosity

General Information			
Features	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.2 to 1.6	%	
Flow	1.2 to 1.6	%	
Water Absorption			ISO 62
23°C, 24 hr	9.5	%	
Equilibrium, 23°C, 50% RH	3.0	%	
Viscosity Number	145	cm³/g	ISO 307
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000	MPa	ISO 527-2/1
Tensile Stress (Yield)	85.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	190	°C	ISO 306/B50
Melting Temperature (DSC)	220	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Electric Strength	30	kV/mm	IEC 60243-1
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Glow Wire Flammability Index (4.00 mm)	750	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	

Drying Time	4.0 to 10	hr
Suggested Max Moisture	0.10	%
Processing (Melt) Temp	240 to 260	°C
Mold Temperature	80.0 to 100	°C

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

