

ALTECH® PA66 A 3030/109 GB30

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 3030/109 GB30 is a Polyamide 66 (Nylon 66) product filled with 30% glass bead. It is available in Asia Pacific, Europe, or North America. Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Good Aesthetics
Good Mold Release

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Good Surface Finish		
	Heat Stabilized		
	High Flow		
	Low Warpage		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4800	MPa	ISO 527-2
Tensile Stress (Break)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	6.7	%	ISO 527-2
Flexural Stress	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m²	
-30°C	2.0	kJ/m²	
Charpy Unnotched Impact Strength	25	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	94.0	°C	ISO 75-2/A
Vicat Softening Temperature	245	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0 to 12	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	80.0 to 120	°C

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Recommended distributors for this material

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