

ALTECH® PA66 A 2030/310 GF30 IM

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2030/310 GF30 IM is a Polyamide 66 (Nylon 66) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

Impact Modified

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Additive		Heat Stabilizer		
		Impact Modifier		
Features		Heat Stabilized		
		Impact Modified		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.29	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	6700	--	MPa	ISO 527-2
Tensile Stress (Break)	90.0	--	MPa	ISO 527-2
Tensile Strain (Break)	3.1	--	%	ISO 527-2
Flexural Modulus	6200	--	MPa	ISO 178
Flexural Stress	137	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	17	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	60	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	241	--	°C	ISO 75-2/A
Vicat Softening Temperature	225	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+17	--	ohms · cm	IEC 60093

Injection	Dry	Unit
Drying Temperature - Desiccant Dryer	80.0	°C
Drying Time - Desiccant Dryer	2.0 to 12	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	280 to 300	°C
Mold Temperature	80.0 to 90.0	°C

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Recommended distributors for this material

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