

ALTECH® PA66 A 4030/500 MR30

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH®PA66 A 4030/500 MR30 is a polyamide 66 (nylon 66) product, which contains 30% mineral fillers. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region.

Features include:

Comply with REACH standard

ROHS certification

High stiffness

anti-warping

heat stabilizer

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Additive	heat stabilizer		
Features	Low warpage		
	Rigidity, high		
	Good liquidity		
	Thermal Stability		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/5.0 kg)	200	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5650	MPa	ISO 527-2
Tensile Stress (Break)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	5700	MPa	ISO 178
Flexural Stress	135	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	4.0	kJ/m²	ISO 179/1eA
-40°C	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	70	kJ/m²	ISO 179/1eU
-40°C	60	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	113	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	2.0 - 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	280 - 300	°C	
Mold Temperature	80 - 120	°C	

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Recommended distributors for this material

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