

ALTECH® PA6 A 4030/100 MR30

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 4030/100 MR30 is a Polyamide 6 (Nylon 6) product filled with 30% mineral. It is available in Asia Pacific, Europe, or North America. Characteristics include:
REACH Compliant
RoHS Compliant
Warp Resistant

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Features	Low Warpage		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4600	MPa	ISO 527-2
Tensile Stress	80.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	5.0	kJ/m²	
-40°C	5.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	No Break		
-40°C	55	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	205	°C	ISO 306/B50
Injection	Nominal Value	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	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	

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Recommended distributors for this material

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