

ALTECH® PA6 ECO 4230/100 GF10 MR20

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH®PA6 ECO 4230/100 GF10 MR20 is a polyamide 6 (nylon 6) product, which contains 10% glass fiber reinforced materials and 20% mineral fillers. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: automotive industry.
Features include:
Comply with REACH standard
ROHS certification
Stable

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
	Mineral filler, 20% filler by weight		
Additive	Processing stabilizer		
Uses	Application in Automobile Field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2
Tensile Stress	115	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	197	°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	270 - 290	°C	
Mold Temperature	80 - 100	°C	

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Recommended distributors for this material

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