

ALTECH® PA6 A 2050/720 GF50 UV

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2050/720 GF50 UV is a polyamide 6 (nylon 6) product, which contains a 50% glass fiber reinforced material. 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
- heat stabilizer
- UV stability

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 50% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Thermal Stability		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.57	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15500	MPa	ISO 527-2
Tensile Stress (Break)	175	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	14000	MPa	ISO 178
Flexural Stress	270	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	60	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	215	°C	ISO 75-2/A
Vicat Softening Temperature	210	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80	°C	
Drying Time - Desiccant Dryer	1.0 - 12	hr	
Processing (Melt) Temp	270 - 290	°C	
Mold Temperature	80 - 100	°C	

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Recommended distributors for this material

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