

ALTECH® PA6 C 2035/507 GF35

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 C 2035/507 GF35 is a Polyamide 6 (Nylon 6) product filled with 33% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Construction Applications.
Characteristics include:
REACH Compliant
RoHS Compliant
High Stiffness

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Features	High Stiffness		
Uses	Construction Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress (Break)	140	MPa	ISO 527-2
Flexural Modulus	9000	MPa	ISO 178
Flexural Stress	215	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	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)	210	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 20	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 90.0	°C	

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