

ALTECH® PA6 A 2035/506 GF35 LV

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2035/506 GF35 LV is a Polyamide 6 (Nylon 6) product filled with 33% glass fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
REACH Compliant
RoHS Compliant
Heat Stabilizer
High Stiffness

General Information				
Filler / Reinforcement		Glass Fiber,33% Filler by Weight		
Additive		Heat Stabilizer		
Features		Heat Stabilized		
		High Stiffness		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.41	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	10500	--	MPa	ISO 527-2
Tensile Stress (Break)	170	--	MPa	ISO 527-2
Tensile Strain (Break)	3.0	--	%	ISO 527-2
Flexural Modulus	9500	--	MPa	ISO 178
Flexural Stress	265	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	11	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	120	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	210	--	°C	ISO 75-2/A
Vicat Softening Temperature	215	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	4.0E+11	ohms	IEC 60093
Volume Resistivity	1.0E+17	--	ohms · cm	IEC 60093
Comparative Tracking Index	500	--	V	IEC 60112
Injection	Dry	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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