

ALTECH® PA6 A 2015/310 GF15 IM

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 2015/310 GF15 IM is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA6 A 2015/310 GF15 IM include electrical/electronic applications, engineering/industrial parts, housings and tools.

Characteristics include:

REACH Compliant
RoHS Compliant
Heat Stabilizer
Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		
Uses	Electrical/Electronic Applications		
	Housings		
	Machine/Mechanical Parts		
	Power/Other Tools		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4600	MPa	ISO 527-2
Tensile Stress			ISO 527-2
	Break	84.0	MPa
--	90.0	MPa	
Tensile Strain (Break)	4.5	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Flexural Stress	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	20	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	65	kJ/m ²	ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	60.0 to 80.0	°C	
Desiccant Dryer	60.0 to 80.0	°C	
Drying Time			
Circulation Dryer	2.0 to 6.0	hr	
Desiccant Dryer	2.0 to 6.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 90.0	°C	

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Recommended distributors for this material

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