

# ALTECH® PA6 B 2025/309 GF25

Polyamide 6  
ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 B 2025/309 GF25 is a Polyamide 6 (Nylon 6) product filled with 25% glass fiber. It is available in Asia Pacific, Europe, or North America.  
Typical application: Housings.  
Characteristics include:  
Flame Rated  
REACH Compliant  
RoHS Compliant  
Good Mold Release  
High Flow

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Good Mold Release		
	High Flow		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7800	MPa	ISO 527-2
Tensile Stress (Break)	150	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	220	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	55	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating (0.750 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	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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