

# ALTECH® PA66 A 2035/109 GF35

Polyamide 66  
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2035/109 GF35 is a Polyamide 66 (Nylon 66) product filled with 33% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 A 2035/109 GF35 include automotive and housings. Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Heat Stabilized		
	High Flow		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2
Tensile Stress	190	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Stress	265	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	247	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (0.750 mm)	HB	UL 94	
Injection	Nominal Value	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	280 to 300	°C
Mold Temperature	80.0 to 120	°C

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