

# ALTECH® PA66 A 3040/100 GB40

Polyamide 66  
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 3040/100 GB40 is a Polyamide 66 (Nylon 66) product filled with 40% glass bead. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALTECH® PA66 A 3040/100 GB40 include automotive and electrical/electronic applications.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Mold Release
- Warp Resistant

General Information			
Filler / Reinforcement	Glass Bead,40% Filler by Weight		
Features	Good Mold Release		
	Low Warpage		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ISO 527-2
Tensile Stress (Break)	75.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	140	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	25	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Vicat Softening Temperature	> 245	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	1.0 to 12	hr	
Suggested Max Moisture	0.10	%	

Processing (Melt) Temp	280 to 300	°C
Mold Temperature	80.0 to 100	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

