

ALTECH® PA66 A 2040/100 GF40

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 2040/100 GF40 is a Polyamide 66 (Nylon 66) product filled with 40% glass fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release
Heat Stabilizer
High Gloss

General Information				
Filler / Reinforcement		Glass Fiber,40% Filler by Weight		
Additive		Heat Stabilizer		
Features		Good Mold Release		
		Heat Stabilized		
		High Gloss		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.46	--	g/cm ³	ISO 1183
Water Absorption				ISO 62
Saturation, 23°C	5.0	--	%	
Equilibrium, 23°C, 50% RH	1.4	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	13100	--	MPa	ISO 527-2
Tensile Stress (Break)	209	--	MPa	ISO 527-2
Tensile Strain (Break)	4.0	--	%	ISO 527-2
Flexural Stress	300	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	11	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	86	--	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	258	--	°C	ISO 75-2/A
Vicat Softening Temperature	256	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method

Surface Resistivity	--	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+16	--	ohms·cm	IEC 60093
Comparative Tracking Index	550	--	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	280 to 300		°C	
Mold Temperature	80.0 to 90.0		°C	

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Recommended distributors for this material

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