

ALCOM® PA6 900/1 GF30 TF15 SI2

Polyamide 6
ALBIS PLASTIC GmbH

Message:

ALCOM® PA6 900/1 GF30 TF15 SI2 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA6 900/1 GF30 TF15 SI2 include automotive and engineering/industrial parts. Characteristics include:
REACH Compliant
RoHS Compliant
Lubricated
Heat Stabilizer
Wear Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	PTFE Lubricant (15%)		
	Silicone Lubricant (2%)		
Features	Good Wear Resistance		
	Heat Stabilized		
Uses	Automotive Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.48	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9100	MPa	ISO 527-2
Tensile Strain (Break)	2.7	%	ISO 527-2
Flexural Modulus	8100	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	70	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	205	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	

Drying Time - Desiccant Dryer	2.0 to 12	hr
Processing (Melt) Temp	270 to 290	°C
Mold Temperature	80.0 to 100	°C

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