

ALCOM® PA66 910/1 GF30 PTFE15 SI2

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1 GF30 PTFE15 SI2 is a Polyamide 66 (Nylon 66) product filled with 30% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/1 GF30 PTFE15 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		
		Lubricated		
Uses		Automotive Applications		
		Bearings		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.48	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9500	6500	MPa	ISO 527-2
Tensile Stress (Break)	150	114	MPa	ISO 527-2
Tensile Strain (Break)	3.1	4.4	%	ISO 527-2
Flexural Modulus	8500	6300	MPa	ISO 178
Flexural Stress	235	180	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	70	kJ/m ²	ISO 179/1eU

Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	255	--	°C	ISO 75-2/A
Vicat Softening Temperature	255	--	°C	ISO 306/B50
Injection	Dry	Unit		
Drying Temperature - Desiccant Dryer	80.0		°C	
Drying Time - Desiccant Dryer	2.0 to 12		hr	
Processing (Melt) Temp	280 to 300		°C	
Mold Temperature	80.0 to 120		°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

