

ALCOM® PA66 910/1.1 CF30 PTFE15

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1.1 CF30 PTFE15 is a Polyamide 66 (Nylon 66) product filled with 30% carbon fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PA66 910/1.1 CF30 PTFE15 include automotive and engineering/industrial parts.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Conductive
- Heat Stabilizer
- Lubricated

General Information				
Filler / Reinforcement		Carbon Fiber,30% Filler by Weight		
Additive		Heat Stabilizer		
		PTFE Lubricant (15%)		
Features		Electrically Conductive		
		Good Wear Resistance		
		Heat Stabilized		
Uses		Automotive Applications		
		Machine/Mechanical Parts		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.37	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	22000	--	MPa	ISO 527-2
Tensile Stress (Break)	220	--	MPa	ISO 527-2
Tensile Strain (Break)	2.0	--	%	ISO 527-2
Flexural Modulus	18900	--	MPa	ISO 178
Flexural Stress	330	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	10	--	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	60	--	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	250	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	4.5E+2	ohms	IEC 60093
Injection	Dry	Unit		
Drying Time	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



WECHAT