

# ALCOM® PA66 910/1.1 CF15

Polyamide 66  
ALBIS PLASTIC GmbH

Message:

ALCOM® PA66 910/1.1 CF15 is a Polyamide 66 (Nylon 66) product filled with 15% carbon fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant  
RoHS Compliant  
Conductive  
Wear Resistant

General Information				
Filler / Reinforcement		Carbon Fiber,15% Filler by Weight		
Features		Electrically Conductive Good Wear Resistance		
Agency Ratings		EC 1907/2006 (REACH)		
RoHS Compliance		RoHS Compliant		
Processing Method		Injection Molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.19	--	g/cm <sup>3</sup>	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	11500	--	MPa	ISO 527-2
Tensile Stress (Break)	175	--	MPa	ISO 527-2
Tensile Strain (Break)	2.0	--	%	ISO 527-2
Flexural Modulus	9500	--	MPa	ISO 178
Flexural Stress	245	--	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	4.0	--	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	30	--	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	250	--	°C	ISO 75-2/A
Vicat Softening Temperature	200	--	°C	ISO 306/B50
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+3	ohms	IEC 60093
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

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#### Recommended distributors for this material

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