

# ALCOM® PPA 930/1 GF30 PTFE15

Polyphthalamide  
ALBIS PLASTIC GmbH

Message:

ALCOM® PPA 930/1 GF30 PTFE15 is a Polyphthalamide (PPA) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PPA 930/1 GF30 PTFE15 include automotive and engineering/industrial parts. Characteristics include:  
REACH Compliant  
RoHS Compliant  
High Stiffness  
Lubricated  
Wear Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (15%)		
Features	Good Wear Resistance		
	High Stiffness		
Uses	Automotive Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.53	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10200	MPa	ISO 527-2
Tensile Stress (Break)	164	MPa	ISO 527-2
Tensile Strain (Break)	1.9	%	ISO 527-2
Flexural Modulus	9500	MPa	ISO 178
Flexural Stress	235	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength	51	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	285	°C	ISO 75-2/A
Vicat Softening Temperature	264	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	110 to 130	°C	
Drying Time	4.0 to 8.0	hr	
Processing (Melt) Temp	320 to 345	°C	

Mold Temperature

80.0 to 140

°C

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#### Recommended distributors for this material

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