

ALCOM® PP 620/8 GF30 PTFE15

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® PP 620/8 GF30 PTFE15 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PP 620/8 GF30 PTFE15 include automotive and engineering/industrial parts.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

Homopolymer

Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	PTFE Lubricant (15%)		
Features	Good Wear Resistance		
	Heat Stabilized		
	Homopolymer		
Uses	Automotive Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	4.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6650	MPa	ISO 527-2
Tensile Stress (Break)	82.0	MPa	ISO 527-2
Tensile Strain (Break)	2.7	%	ISO 527-2
Flexural Modulus	6100	MPa	ISO 178
Flexural Stress	125	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	44	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	148	°C	ISO 75-2/A

Vicat Softening Temperature	136	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 120	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	200 to 270	°C	
Mold Temperature	29.0 to 90.0	°C	

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