

# ALCOM® PP 620/8 GF/MRX

Polypropylene  
ALBIS PLASTIC GmbH

Message:

ALCOM® PP 620/8 GF/MRX is a Polypropylene product filled with glass\mineral. It can be processed by blow molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PP 620/8 GF/MRX include automotive and electrical/electronic applications. Characteristics include:  
REACH Compliant  
RoHS Compliant

General Information			
Filler / Reinforcement	Glass\Mineral		
Features	High Density		
Uses	Automotive Applications		
	Blow Molding Applications		
	Conduit		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3600	MPa	ISO 527-2
Tensile Stress (Break)	40.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	20	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature			
Circulation Dryer	60.0 to 90.0	°C	
Desiccant Dryer	60.0 to 90.0	°C	
Drying Time			

Circulation Dryer	2.0 to 4.0	hr
Desiccant Dryer	2.0 to 4.0	hr
Extrusion	Nominal Value	Unit
Melt Temperature	210 to 230	°C
Die Temperature	40.0 to 60.0	°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

