

ALCOM® PP 620/9 MRX80

Polypropylene Random Copolymer

ALBIS PLASTIC GmbH

Message:

ALCOM® PP 620/9 MRX80 is a Polypropylene Random Copolymer (PP Random Copolymer) product filled with filler. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of ALCOM® PP 620/9 MRX80 include construction applications, furniture and sporting goods.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

General Information			
Filler / Reinforcement	Filler		
Features	Copolymer		
	High Density		
Uses	Construction Applications		
	Furniture		
	Sporting Goods		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	2.60	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress (Break)	10.0	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress	20.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	10	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	87.0	°C	ISO 75-2/A
Vicat Softening Temperature	88.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	Test Method
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
Processing (Melt) Temp	200 to 270	°C
Mold Temperature	20.0 to 90.0	°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

