

Advanced Composites BJS-MNR2

Polypropylene
Advanced Composites, Inc.

Message:

Advanced Composites BJS-MNR2 is a polypropylene product. It is available in North America.

Features include:

- Copolymer
- Impact resistance

General Information			
Features	Impact copolymer		
	Impact resistance, high		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.00 mm)	1.4 - 1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	23.3	MPa	ASTM D638
Tensile Elongation ² (Break)	300	%	ASTM D638
Flexural Modulus ³	950	MPa	ASTM D790
Flexural Strength ⁴	23.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	199	°C	
Middle Temperature	210 - 221	°C	
Front Temperature	221	°C	
Nozzle Temperature	216	°C	
Processing (Melt) Temp	185 - 227	°C	
Mold Temperature	26.7 - 43.3	°C	
Injection Rate	Slow-Moderate		
Cushion	5.00 - 10.0	mm	
Injection instructions			
Screw RPM: 1 to 2 secs before mold openInjection Pressure: 20 to 60% of machine capacity			

NOTE

1.	10 mm/min
2.	10 mm/min
3.	2.0 mm/min
4.	2.0 mm/min

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

