

## Borealis Bormed™ BH348MO Polypropylene Heteroplastic Copolymer for Injection Molding

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Bormed™ BH348MO is a polypropylene copolymer characterized by high impact strength, fast flow and crystallization speed. The material is nucleated with Borstar® Nucleation Technology (BNT). This grade contains antistatic and demolding additives which, together with enhanced nucleation, create a high potential for cycle time reduction. Applications: thin wall containers, and ice cream containers  
Information provided by Borealis AG

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Borealis-Bormed-BH348MO-Polypropylene-Heteroplastic-Copolymer-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Borealis-Bormed-BH348MO-Polypropylene-Heteroplastic-Copolymer-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Density	0.903 g/cc	0.0326 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage	0.010 - 0.020 cm/cm	0.010 - 0.020 in/in	
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 230 °C	50 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	70	70	ISO 2039-2
Tensile Strength, Yield	21.0 MPa	3050 psi	50mm/min; ISO 527-2
Elongation at Yield	5.4 %	5.4 %	50mm/min; ISO 527-2
Tensile Modulus	1.05 GPa	152 ksi	ISO 527-2
Charpy Impact, Notched	0.600 J/cm <sup>2</sup> @Temperature -20.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179/1eA
	1.10 J/cm <sup>2</sup> @Temperature 23.0 °C	5.23 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.0 °C	187 °F	ISO 75-2

Processing Properties	Metric	English	Comments
Melt Temperature	210 - 260 °C	410 - 500 °F	
Mold Temperature	10.0 - 30.0 °C	50.0 - 86.0 °F	

Processing Properties	Metric	English	Comments
Hold Pressure	20.0 - 50.0 MPa	2900 - 7250 psi	

Descriptive Properties	Value	Comments
Injection Velocity	highest possible	

## Contact Songhan Plastic Technology Co.,Ltd.

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