

# Bormod™ BH348MO

Polypropylene Copolymer

Borealis AG

Message:

Bormod BH348MO is a polypropylene copolymer characterized by high impact strength, fast flow and crystallisation speed. The material is nucleated with Borstar Nucleation Technology (BNT). This grade contains antistatic and demoulding additives which, together with enhanced nucleation, create a high potential for cycle time reduction.

General Information			
Additive	Antistatic		
	Mold Release		
	Nucleating Agent		
Features	Antistatic		
	Copolymer		
	Good Flow		
	Good Mold Release		
	High Impact Resistance		
	Nucleated		
	Recyclable Material		
Uses	Food Containers		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.903	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	70		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1050	MPa	ISO 527-2
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.4	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	6.0	kJ/m <sup>2</sup>	
23°C	11	kJ/m <sup>2</sup>	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	86.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 260	°C	
Mold Temperature	10.0 to 30.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	

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#### Recommended distributors for this material

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