Borealis PP BJ368MO

Polypropylene Copolymer

Borealis AG

Message:

BJ368MO is a polypropylene copolymer characterized by good flow, and optimum combination of high stiffness and high impact strength. The material is nucleated with Borealis Nucleation Technology (BNT). Flow properties, nucleation and good stiffness give potential for cycle time reduction. The material have good antistatic performance and good mould release properties.

General Information			
Additive	Nucleating Agent		
Features	Antistatic		
	Copolymer		
	Fast Molding Cycle		
	Good Flow		
	Good Mold Release		
	High Impact Resistance		
	High Stiffness		
	Nucleated		
	Recyclable Material		
Uses	Thin-walled Containers		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.905	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	70	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1500	MPa	ISO 527-2/50
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus	1400	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.5	kJ/m²	
23°C	5.5	kJ/m²	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature	100	°C	ISO 75-2
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

Recommended distributors for this material

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