Borealis PP BJ998MO

Polypropylene Copolymer

Borealis AG

Message:

BJ998MO is a very high melt flow heterophasic copolymer with high/medium impact strength and stiffness. This grade is designed for high-speed injection moulding and contains nucleating and antistatic additives.
The material is nucleated with Borealis Nucleation Technology (BNT). Flow properties, nucleation and good stiffness give potential for cycle time reduction. Components moulded from this grade have good demoulding properties and combine good stiffness, gloss and antistatic properties with good low-temperature impact strength.
CAS-No. 9010-79-1

General Information	
Additive	Nucleating agent
	Antistatic property
Features	Nucleated
	Rigidity, high
	Highlight
	Copolymer
	Antistatic property
	Impact resistance, good
	Recyclable materials
	Good liquidity
	Low temperature impact resistance
Uses	Thin wall container
	Cover
	Container
	Shell
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)	100	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (50.0 mm)	1400	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus	1300	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179/1eA

-20°C	3.0	kJ/m²	ISO 179/1eA
23°C	5.0	kJ/m²	ISO 179/1eA

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0	hr
Processing (Melt) Temp	210 - 280	°C
Mold Temperature	30.0 - 50.0	°C
Injection Rate	Fast	
Holding Pressure	20.0 - 50.0	MPa

Injection instructions

Feeding temperature 40 - 80 °CMass Temperature 220 - 260 °CBack Pressure Low to mediumHolding Pressure 30 - 60 barMould Temperature 30 - 50 °CScrew speed Low to mediumFlow front speed 100 - 200 m/min

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