Borealis PP BJ356MO

Polypropylene Copolymer

Borealis AG

Message:

BJ356MO is a heterophasic copolymer. This grade provides very high melt flow rate, very high stiffness and medium impact strength. and is designed for high-speed injection moulding and contains nucleating and antistatic/demoulding additives.
Components moulded from this grade show good ejectability and combine excellent stiffness with very good gloss, good antistatic and excellent organoleptic properties.
CAS-No. 9010-79-1

General Information	
Additive	Antistatic
	Mold Release
	Nucleating Agent
Features	Antistatic
	Copolymer
	Fast Molding Cycle
	Good Impact Resistance
	Good Mold Release
	Good Organoleptic Properties
	High Flow
	High Stiffness
	Medium Gloss
	Nucleated
Uses	Engineering Parts
	Household Goods
	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)	100	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1600	MPa	ISO 527-2/50
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus	1500	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**

Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.5	kJ/m²	
23°C	4.0	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature [1] (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 260	°C	
Mold Temperature	20.0 to 50.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	
NOTE			
1.	Injection molded specimen		

Recommended distributors for this material

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