Borealis PP RF926MO

Polypropylene Random Copolymer

Borealis AG

Message:

RF926MO is a specially modified transparent polypropylene random copolymer with high meltflow. This grade is intended for injection blow stretch moulding (IBSM). and is designed for high-speed injection moulding and contains nucleating and demoulding additives.

Products moulded from this grade exhibit excellent transparency, very good organoleptic properties, high impact at ambient temperature, relatively high stiffness, and good demoulding and antistatic properties.

Appearance Clear/transparent Forms Particle Processing Method Multiple injection molding Stretch blow molding	General Information				
Features Nucleated Rigidity, high Highlight Antistatic property Impact resistance, high Recyclable materials Workabilly, good Good sensory characteristics High liquidity Definition, high Good demoulding performance Random copolymer Uses Bottle Container Container Ciear/transparent Forms Particle Processing Method Multiple injection molding Stretch blow molding Physical Nominal Value Unit Test Method Density Nominal Value Unit Test Method Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) Molding Strinkage 1.0 - 2.0 Molding Strinkage 1.0 - 2.0 Molding Strinkage Nominal Value Nominal	Additive	Nucleating agent			
Features Nucleated Rigidity, high Highlight Antistatic property Impact resistance, high Recyclable materials Workability, good Good sensory characteristics High liquidity Definition, high Good demoulding performance Random copolymer		Antistatic property			
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Good sensory characteristics High liquidity Definition, high Good demoulding performance Random copolymer		Recyclable materials			
High liquidity Definition, high Good demoulding performance Random copolymer Bottle Container Clear/transparent Forms Processing Method Multiple injection molding Stretch blow molding Stretch blow molding Physical Density Mominal Value Unit Test Method Density Mominal Value Mom		Workability, good			
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Uses Bottle Container Clear/transparent Forms Particle Processing Method Multiple injection molding Stretch blow molding Physical Nominal Value Unit Test Method Density 0,905 g/cm³ ISO 1183 Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) g/10 min ISO 1133 Molding Shrinkage 1,0 - 2.0 %		Good demoulding performance			
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		20	g/10 min	ISO 1133	
Hardness Nominal Value Unit Test Method	Molding Shrinkage	1.0 - 2.0	%		
	Hardness	Nominal Value	Unit	Test Method	

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Nominal Value	Unit	Test Method
1150	MPa	ISO 527-2/1
29.0	MPa	ISO 527-2/50
11	%	ISO 527-2/50
Nominal Value	Unit	Test Method
6.0	kJ/m²	ISO 179/1eA
Nominal Value	Unit	Test Method
80.0	°C	ISO 75-2/B
Nominal Value	Unit	Test Method
< 5.0	%	Internal method
Nominal Value	Unit	
210 - 260	°C	
30.0 - 40.0	°C	
Fast		
20.0 - 50.0	MPa	
	d on standard stretch blow moulding m	
	Nominal Value 1150 29.0 11 Nominal Value 6.0 Nominal Value 80.0 Nominal Value < 5.0 Nominal Value 210 - 260 30.0 - 40.0 Fast	Nominal Value Unit 1150 MPa 29.0 MPa 11 % Nominal Value Unit 6.0 kJ/m² Nominal Value Unit 80.0 °C Nominal Value Unit < 5.0

1. Injection molded specimen

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