

# Borealis PP RF365MO

Polypropylene

Borealis AG

Message:

Borealis PP RF365MO is a Polypropylene product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Borealis PP RF365MO include caps/lids/closures and containers.

Characteristics include:

- Antistatic
- Clarity
- High Gloss
- High Stiffness
- Impact Resistant

General Information			
UL YellowCard	E108112-218662		
Additive	Antistatic		
Features	Antistatic		
	Good Impact Resistance		
	High Clarity		
	High Gloss		
	High Stiffness		
Uses	Closures		
	Thin-walled Containers		
Appearance	Clear/Transparent		
Forms	Pellets		
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)	20	g/10 min	ISO 1133
Molding Shrinkage	1.0 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2/1
Tensile Stress (Yield)	29.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	11	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature <sup>1</sup> (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 260	°C	
Mold Temperature	30.0 to 40.0	°C	
Injection Rate	Fast		
Holding Pressure	20.0 to 50.0	MPa	
NOTE			
1.	Injection molded specimen		

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#### Recommended distributors for this material

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