Borealis PP RB206MO

Polypropylene Random Copolymer

Borealis AG

Message:

RB206MO is a random copolymer with good transparency and contact clarity, very good gloss and surface finish The high stiffness of this grade allows for a reduction in cycle time. This grade also features high heat distortion temperature.

General Information	
Features	Contact Clarity
	Fast Molding Cycle
	Good Surface Finish
	High Clarity
	High Heat Resistance
	High Stiffness
	Medium Gloss
	Random Copolymer
Uses	Bottles
	Cosmetic Packaging
	Cosmetics
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Blow Molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1150	MPa	ISO 527-2/1
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	86.0	°C	ISO 75-2/B
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	190 to 220	°C	
Cylinder Zone 2 Temp.	190 to 220	°C	

Cylinder Zone 3 Temp.	190 to 220	°C
Cylinder Zone 4 Temp.	190 to 220	°C
Cylinder Zone 5 Temp.	190 to 220	°C
Melt Temperature	180 to 220	°C
Die Temperature	180 to 220	°C

Recommended distributors for this material

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WECHAT