Borealis PP RB307MO

Polypropylene Random Copolymer

Borealis AG

Message:

RB307MO is a random copolymer for blow molding with good transparency and contact clarity, very good gloss and surface finish and high heat distortion temperature.

General Information	
Features	Contact Clarity Good Chemical Resistance Good Dimensional Stability Good Surface Finish High Clarity Medium Gloss Random Copolymer
Uses	Containers Cosmetics Household Goods
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Blow Molding Injection Molding Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	900	MPa	ISO 527-2/1
Tensile Stress (Yield)	24.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	13	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	20	kJ/m²	ISO 179/1eA
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°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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