

Borealis PP RB206MO-06

Polypropylene Random Copolymer

Borealis AG

Message:

RB206MO-06 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. The additives are optimized to provide reduced tendency for mould plate-out.

General Information			
Features	Good Surface Finish		
	High Clarity		
	High Gloss		
	High Stiffness		
	Random Copolymer		
	Recyclable Material		
Uses	Bottles		
	Industrial Applications		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm ³	ISO 1183
Apparent Density	0.50 to 0.60	g/cm ³	
Melt Mass-Flow Rate (MFR) (230°C/1.9 kg)	1.9	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	12	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	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	
Melt Temperature	180 to 220	°C	
Die Temperature	180 to 220	°C	

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