

BorPure™ RB501BF

Polypropylene Random Copolymer

Borealis AG

Message:

RB501BF is a random copolymer.
RB501BF contains no slip, antiblock, antistatic additives or nucleating additives.

General Information			
Features	Additive Free		
	Good Processability		
	Moisture Barrier		
	Oil Resistant		
	Oxygen Barrier		
	Random Copolymer		
Uses	Food Packaging		
	Labels		
	Shrink Wrap		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	2.5	g/10 min	
230°C/2.16 kg	1.9	g/10 min	
230°C/5.0 kg	8.1	g/10 min	
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	1100 to 1300	MPa	
TD	1200 to 1400	MPa	
Tensile Strength			ISO 527-3
MD	150 to 180	MPa	
TD	150 to 180	MPa	
Tensile Elongation			ISO 527-3
MD : Break	80 to 100	%	
TD : Break	80 to 100	%	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	136 to 142	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	> 90		ASTM D2457

Haze	< 1.8	%	ASTM D1003
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