

# BorPure™ RD208CF

Polypropylene Random Copolymer

Borealis AG

## Message:

BorPure RD208CF is a random copolymer.  
This grade is suitable for the manufacturing of unoriented films on chill roll processes.  
BorPure RD208CF Free of slip and antiblock and without CaStearate.

General Information			
Features	Additive Free		
	Fast Molding Cycle		
	Good Heat Seal		
	Good Impact Resistance		
	Good Processability		
	High Clarity		
	High Gloss		
	Random Copolymer		
	Soft		
Uses	Film		
	Food Packaging		
	Laminates		
	Non-oriented Film		
	Packaging		
	Seals		
	Stationary Supplies		
Forms	Pellets		
Processing Method	Cast Film		
	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900 to 0.910	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C, Injection Molded)	650	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	> 0.50		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Puncture Force	1180	N	ISO 7765-2
Tensile Modulus			ISO 527-3

MD	350 to 450	MPa	
TD	350 to 450	MPa	
Tensile Strength			ISO 527-3
MD	30.0 to 50.0	MPa	
TD	25.0 to 45.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	550 to 750	%	
TD : Break	550 to 750	%	
Instrumented Dart Impact (Total Energy)	23.0	J	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	122	°C	ISO 306/A50
Melting Temperature (DSC)	138 to 142	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 µm)	> 120		ASTM D2457
Haze	< 1.8	%	ASTM D1003

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#### Recommended distributors for this material

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