

# BorPure™ RD226CF

Polypropylene Random Copolymer

Borealis AG

Message:

BorPure RD226CF is a random copolymer.  
This grade is suitable for the manufacturing of unoriented films on chill roll processes.  
BorPure RD226CF contains antiblock and slip agents.

General Information			
Additive	Medium Antiblock (1800 ppm) 2		
	Slip (1800 ppm) 3		
Features	Antiblocking		
	Fast Molding Cycle		
	Good Heat Seal		
	Good Impact Resistance		
	Good Processability		
	High Clarity		
	High Gloss		
	Random Copolymer		
	Slip		
	Soft		
Uses	Film		
	Food Packaging		
	Laminates		
	Non-oriented Film		
	Packaging		
	Stationary Supplies		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
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)	800	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	0.15		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Puncture Force	1150	N	ISO 7765-2
Tensile Modulus			ISO 527-3

MD	500	MPa	
TD	500	MPa	
Tensile Strength			ISO 527-3
MD	40.0	MPa	
TD	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	550	%	
TD : Break	600	%	
Instrumented Dart Impact (Total Energy)	20.0	J	ISO 7765-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.9	kJ/m <sup>2</sup>	ISO 179/1eA
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 μm)	> 120		ASTM D2457
Haze	< 2.0	%	ASTM D1003

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#### Recommended distributors for this material

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