

Bormed™ RE816CF

Polypropylene Random Copolymer

Borealis AG

Message:

Bormed RE816CF is a random copolymer
This grade is suitable for the manufacturing of unoriented films on chill roll processes.
CAS-No. 9010-79-1

General Information			
Additive	Antiblock (1800 ppm) 2		
Features	Antiblocking		
	Good Impact Resistance		
	Narrow Molecular Weight Distribution		
	Opticals		
	Random Copolymer		
	Recyclable Material		
	Steam Sterilizable		
Uses	Film		
	Medical Packaging		
	Medical/Healthcare Applications		
	Non-oriented Film		
	Packaging		
	Pharmaceutical Packaging		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Injection Molded)	800	MPa	ISO 178
Coefficient of Friction	> 0.50		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	
Tensile Modulus			ISO 527-3
MD : 50 µm	450	MPa	
TD : 50 µm	450	MPa	
Tensile Stress			ISO 527-3
MD : Yield, 50 µm	35.0	MPa	
TD : Yield, 50 µm	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	600	%	

TD : Break, 50 μm	600	%	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	145	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 μm)	> 120		ASTM D2457
Haze (50.0 μm)	< 2.0	%	ASTM D1003

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Recommended distributors for this material

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