

Borclear™ RE936CF

Polypropylene Random Copolymer

Borealis AG

Message:

Borclear RE936CF is a random copolymer.

This grade is suitable for the manufacturing of unoriented films on chill roll processes.

General Information			
Additive	Antiblock (1800 ppm) 2		
	Slip (2000 ppm) 3		
Features	Antiblocking		
	Good Impact Resistance		
	Good Processability		
	High Clarity		
	High Gloss		
	Random Copolymer		
	Recyclable Material		
	Slip		
	Soft		
Uses	Film		
	Food Packaging		
	Laminates		
	Non-oriented Film		
	Stationary Supplies		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Injection Molded)	900	MPa	ISO 178
Coefficient of Friction ¹	0.15		ISO 8295
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	500	MPa	
TD	500	MPa	
Tensile Strength			ISO 527-3
MD	30.0	MPa	
TD	30.0	MPa	

Instrumented Dart Impact (Total Energy)	20.0	J	ISO 7765-2
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact	1000	N	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	66.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A50
Melting Temperature (DSC)	143	°C	ISO 3146
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (20°)	> 140		ASTM D523
Haze	< 1.5	%	ASTM D1003
NOTE			
1.	Film/Film		

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