

Borealis RB709CF

Polypropylene Random Copolymer

Borealis AG

Message:

Borclear RB709CF is a random copolymer
CAS-No. 9010-79-1

General Information			
Features	Broad Seal Range		
	Good Stiffness		
	Low Temperature Heat Sealability		
	Med.-Wide Molecular Weight Distrib.		
	Opticals		
	Random Copolymer		
Uses	Film		
	Food Packaging		
	Laminates		
Forms	Pellets		
Processing Method	Blown Film		
	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ISO 1133
Molecular Weight Distribution	Medium		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C, Injection Molded)	650	MPa	ISO 178
Coefficient of Friction (vs. Itself - Dynamic)	> 0.70		ISO 8295
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	50	µm	ISO 527-3
Tensile Modulus			
MD : 50 µm	800	MPa	
TD : 50 µm	750	MPa	ISO 527-3
Tensile Strength			
MD : 50 µm	35.0	MPa	
TD : 50 µm	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	600	%	
TD : Break, 50 µm	600	%	

Dart Drop Impact (50 µm)	80	g	ISO 7765-1
Instrumented Dart Impact	6.00	J	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	140	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (20°, 50.0 µm)	> 80		ASTM D2457
Haze (50.0 µm)	< 4.0	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

