

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 ³	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

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

