

# Bormed™ RD808CF-11

Polypropylene Random Copolymer

Borealis AG

## Message:

Bormed RD808CF-11 is a random copolymer with high ethylene content.

This grade is suitable for the manufacturing of non-oriented cast films on chill roll process and blown films on tubular water quenching process as well as injection moulding and ISBM (2-stage process) for ampoules and bottles.

General Information			
Features	High Gloss		
	High Impact Resistance		
	Narrow Molecular Weight Distribution		
	Random Copolymer		
Uses	Bottles		
	Medical Packaging		
	Packaging		
	Pharmaceutical Packaging		
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 <sup>1</sup> (23°C)	700	MPa	ISO 178
Coefficient of Friction	> 0.70		ISO 8295
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	400	MPa	
TD	400	MPa	
Tensile Strength			ISO 527-3
MD	30.0	MPa	
TD	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	540	%	
TD : Break	610	%	
Instrumented Puncture Test - Total Penetration Energy	300	J/cm	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	140	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (20°)	> 140		ASTM D2457

Haze	< 0.50	%	ASTM D1003
NOTE			

1. 50% Relative Humidity

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#### 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

