

Bormed™ RB801CF-11

Polypropylene Random Copolymer

Borealis AG

Message:

Bormed RB801CF-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.

This grade is also suitable for blow moulding, including BFS technology and ISBM (1-stage process) for ampoules and bottles up to a maximum of 2 litres.

General Information	
Features	Good Surface Finish
	High Gloss
	High Impact Resistance
	Med.-Wide Molecular Weight Distrib.
	Random Copolymer
	Soft

Uses	Bags
	Bottles
	Medical Packaging
	Packaging
	Pharmaceutical Packaging

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (23°C)	750	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	600	%	
Instrumented Puncture Test - Total Penetration Energy	320	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	< 1.0	%	ASTM D1003
NOTE			
1.	50% Relative Humidity		

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