Bormed™ RB801CF-01

Polypropylene Random Copolymer

Borealis AG

Message:

Bormed RB801CF-01 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	Contact Clarity
	Ethylene Oxide Sterilizable
	Good Surface Finish
	High Gloss
	High Impact Resistance
	Low Temperature Heat Sealability
	Med.-Wide Molecular Weight Distrib.
	Random Copolymer
	Recyclable Material
	Soft
	Steam Sterilizable
Uses	Blow Molding Applications
	Blown Film
	Bottles
	Cast Film
	Film
	Medical Packaging
	Medical/Healthcare Applications
	Non-oriented Film
	Packaging
	Pharmaceutical Packaging
Processing Method	Blow Molding
	Blown Film
	Cast Film

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	750	MPa	ISO 178

Coefficient of Friction	> 0.70		ISO 8295
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	50	µm	
Tensile Modulus			ISO 527-3
MD : 50 µm	400	MPa	
TD : 50 µm	400	MPa	
Tensile Stress			ISO 527-3
MD : Yield, 50 µm	30.0	MPa	
TD : Yield, 50 µm	30.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 50 µm	540	%	
TD : Break, 50 µm	600	%	
Instrumented Puncture Test - Total Penetration Energy (50.0 µm)	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°, 50.0 µm)	> 140		ASTM D2457
Haze (50.0 µm)	< 1.0	%	ASTM D1003

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