



Polypropylene

BormedTM RD808CF

Polypropylene Copolymer

Description

Bormed RD808CF is a random copolymer

Applications

Bormed RD808CF is intended for:

Packaging for medical devices
Thin pouches

Packaging for pharmaceutical products

Additives

Bormed RD808CF contains no slip, antiblock, antistatic additives or nucleating additives

Special features

Bormed RD808CF is optimised to deliver:

High gloss
Low haze
Super high purity
High softness

Easy processability
Very good impact strength
Low sealing initiation temperature
Water steam sterilisable

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	905 kg/m ³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	8 g/10min	ISO 1133
Flexural Modulus	700 MPa	ISO 178
Melting temperature (DSC)	140 °C	ISO 3146
Heat Deflection Temperature	60 °C	ISO 75-2
Vicat softening temperature (10 N)	125 °C	ISO 306

Values determined on standard injection moulded specimens conditioned at 23°C and 50% relative humidity after at least 96 hours storage time.



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Film Properties

Specific film values evaluated on chill roll films, produced with Borealis internal standard conditions with a thickness of 50 µm. When compared to films which were produced under other conditions. It should be taken into account that the film properties are strongly dependent on the processing conditions.

Property		Typical Value	Test Method
		Data should not be used for specification work	
Instrumented puncture test	Total Penetration Energy	30 J	ISO 7765-2
	Force	1100 N	
Haze		< 1 %	ASTM D 1003
Gloss at 20 degree (of arc)		> 150 %	ASTM D 2457
Tensile Strength	MD	30 MPa	ISO 527-3
Tensile Strength	TD	30 MPa	ISO 527-3
Tensile Modulus	MD	400 MPa	ISO 527-3
Tensile Modulus	TD	400 MPa	ISO 527-3

Storage

Bormed RD808CF Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product. should be stored in dry conditions at temperatures below 50°C and protected from UV-light.

More information on storage is found in our "Safety data sheet" / "Product safety information sheet".

Safety

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative. The product is not classified as a dangerous preparation.

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.