



Polypropylene

Bormed<sup>TM</sup> SC820CF

Preliminary

### Description

**Bormed SC820CF** is a very soft random heterophasic copolymer.

### Applications

**Bormed SC820CF** is recommended for

Packaging for medical devices

### Additives

**Bormed SC820CF** contains no slip, antiblock, antistatic additives or nucleating additives

### Special features

**Bormed SC820CF** is optimised to deliver:

Excellent processability  
High softness

High toughness

### Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	905 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate (230 °C/2,16 kg)	4,0 g/10min	ISO 1133
Flexural Modulus <sup>1</sup>	550 MPa	ISO 178
Melting temperature (DSC)	141 °C	ISO 3146
Vicat softening temperature A50, (10 N)	120 °C	ISO 306

<sup>1</sup> Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.



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# Bormed SC820CF

## 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	15 J	ISO 7765-2
	Force	1200 N	
Haze		< 1,0 %	ASTM D 1003
Gloss at 20 degree (of arc)		> 120 %	ASTM D 2457
Tensile Strength	MD	50 MPa	ISO 527-3
Tensile Strength	TD	50 MPa	ISO 527-3
Tensile Modulus	MD	330 MPa	ISO 527-3
Tensile Modulus	TD	330 MPa	ISO 527-3

## Storage

**Bormed SC820CF** should be stored in dry conditions at temperatures below 50°C and protected from UV-light. 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.

## Safety

The product is not classified as a dangerous preparation.

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.

## Recycling

In-house production waste should be kept clean to facilitate direct recycling.

## Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

Material Safety Data Sheet  
Statement on chemicals, regulations and standards  
Statement on compliance to food contact regulations  
Statement on compliance to regulations on medical use