



Polypropylene Borpact™ BC918CF

Preliminary

Description

Borpact BC918CF is a high crystalline heterophasic copolymer film resin, based on special Borstar nucleating technology.

Optical properties will not be deteriorated as with conventional homo or copolymers at these temperatures. This grade is especially developed for the manufacturing of unoriented film for various film processing technologies like cast film process, conventional blown film process with air cooling and roll stack process for thermoformable films/sheets.

Applications

Borpact BC918CF is designed for:

Label film	Inner layer in coextrusion
Lamination films	Map trays
Food packaging	Vegetable trays
Stand up pouch film	

Special features

Borpact BC918CF is optimised to deliver:

Low haze	Very low temperature resistance
Very good gloss	Very good heat deformation resistance
Very high stiffness	Super high purity
Good toughness	Linear tear

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)	3,0 g/10min	ISO 1133
Flexural Modulus (2 mm/min) ¹	1.400 MPa	ISO 178
Melting temperature (DSC)	166 °C	ISO 3146
Vicat softening temperature A50, (10 N) ¹	154 °C	ISO 306
Charpy Impact Strength, notched (23 °C) ²	40 kJ/m ²	ISO 179/1eA
Charpy Impact Strength, notched (-20 °C) ²	2,3 kJ/m ²	ISO 179/1eA

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

² Measured on injection moulded specimens acc. to ISO 1873-2

Borpact is a trademark of Borealis A/S, Denmark.

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Storage

Borpact BC918CF 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.

More information on storage is found in our Safety Data Sheet for this product.

Safety

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

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.

Please see our Safety Data Sheet for details on various aspects of safety, recovery and disposal of the product, for more information contact your Borealis representative.

Related Documents

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

Safety Data Sheet
Statement on chemicals, regulations and standards
General statement on compliance to food contact regulations



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Disclaimer

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

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