

14.10.2010 Ed.1



Polypropylene

HC110BF

Polypropylene Homopolymer

Description

HC110BF is a polypropylene homopolymer intended for injection moulding and extrusion.

Applications

HC110BF has been developed especially for applications like:

Co-extrusion applications
Print lamination
Metallisable film

Coated film
Packages for bakery products
Flower packaging

Additives

HC110BF contains no slip, antiblock, antistatic additives or nucleating additives

Special features

HC110BF is optimised to deliver:

Excellent processability
Excellent optical properties
High gloss
Low haze
Excellent moisture barrier properties
Excellent oxygen barrier properties

Very good oil and fat resistance
High temperature resistance
Good mechanical properties
High stiffness
High crystallinity

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	3,2 g/10min	ISO 1133
Melting temperature (DSC)	161 °C	ISO 11357-3
Molecular weight distribution	Broad	

Storage

HC110BF 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" / "Product safety information sheet".

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 Polypropylene
HC110BF**Safety**

The product is not classified as dangerous.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety 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.

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" / "Product safety information sheet"

Statement on chemicals, regulations and standards

Statement on compliance to food contact regulations

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.

No liability can be accepted in respect of the use of Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.