



Polypropylene Borclean™ HC300BF

Description

Borclean HC300BF is a high crystallinity homopolymer film resin.

Applications

Borclean HC300BF is recommended for

BOPP Dielectrical film for capacitors
Metallisable film

Additives

Borclean HC300BF does not contain slip or antiblock additives.

Special features

Borclean HC300BF is optimised to deliver:

Super high purity
Improved high thermal stability
Low dissipation factor
Good stiffness

Easy surface roughness control
Outstanding processability
Metallisable
Very low ash content

Physical Properties

| Property | Typical Value | Test Method |
|-----------------------------------|--|-----------------|
| | Data should not be used for specification work | |
| Melt Flow Rate (230 °C/2,16 kg) | 3,3 g/10min | ISO 1133 |
| Catalyst residues Titanium (ICP) | < 3 ppm | Borealis Method |
| Catalyst residues Aluminium (ICP) | < 3 ppm | Borealis Method |
| Catalyst residues Chloride (XRF) | < 3 ppm | Borealis Method |
| Total ash content | < 20 ppm | ISO 3451-1 |
| Calcium (from anti-acid) | 2 ppm | Borealis Method |
| Melting temperature (DSC) | 163 °C | ISO 11357-3 |
| Molecular weight distribution | Broad | |

Electrical Properties

| Property | Typical Value | Test Method |
|---------------------|--|-------------|
| | Data should not be used for specification work | |
| Dielectric constant | 2,25 | IEC 60250 |

Borclean is a trademark of Borealis group.

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Storage

Borclean HC300BF 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".

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, 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.

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 compliance to food contact regulations
Statement on chemicals, regulations and standards



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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.

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