



# Polypropylene Borclean™ HC314BF

## Description

**Borclean HC314BF** is a polypropylene homopolymer

**CAS-No.** 9003-07-0

## Applications

**Borclean HC314BF** is recommended for:

BOPP Dielectrical film for capacitors  
Rough surface impregnation capacitor film

Metallisable film

## Additives

**Borclean HC314BF** does not contain slip or antiblock additives.

## Special Features

**Borclean HC314BF** is optimised to deliver:

Outstanding processability  
Super high purity  
Easy surface roughness control  
Low dissipation factor

Good stiffness  
Produces high consistent rough surface films  
Very low ash content  
Metallisable

## Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	3,6 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)	5 ppm	Borealis Method
Melting temperature	161 °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



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## Storage

**Borclean HC314BF** has a minimum shelf life of 18 months from production date if stored in unopened original packages, under dry and clean conditions and protected from UV light. Improper storage can initiate degradation with resulting odour generation and colour changes.

## 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 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.

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