

## Polypropylene

# HC001A-B1

### Polypropylene Homopolymer

#### Description

HC001A-B1 is a polypropylene homopolymer grade typically used in various masterbatch systems. A consistent and narrow particle size distribution allows a high acceptance of filler/pigments during extrusion and/or grafting process.

HC001A-B1 is stabilized with a small amount of antioxidant to avoid thermal degradation

Cas No. 9003-07-0

#### Typical characteristics

HC001A-B1 can be described with following typical characteristics:

Cleanliness	Very high purity
100% Chlorine free	Narrow particle size distribution 150 - 425 µm
Very low gel level	

#### Applications

HC001A-B1 is intended for following applications:

Carrier for masterbatch and compounding applications

#### Physical properties

Property	Typical value *	Unit	Test method
Density	905	kg/m <sup>3</sup>	ISO 1183-1
MFR 230°C/2.16kg	2.70	g/10min	ISO 1133-1
Melting temperature	160	°C	ISO 11357-3
Crystallization temperature	112	°C	ISO 11357-3

\* Data should not be used for specification work

#### Packaging and storage

HC001A-B1 should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which can result in odour generation and colour changes and can have negative effects on the physical properties of this product. It is also advisable to process the powder resin within 12 months after production, this because also excessive ageing can lead to a deterioration in quality.

#### Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website [www.borealisgroup.com](http://www.borealisgroup.com).

#### Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency.

Further information on sustainability and Design for Recycling (DfR) can be found from our websites [www.borealisgroup.com](http://www.borealisgroup.com) and [www.borealiseverminds.com](http://www.borealiseverminds.com).

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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.

No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.