PRODUCT DATA SHEET

31.03.2025 Ed.9

Polypropylene

HD601CF

Polypropylene Homopolymer

Description

HD601CF is a homopolymer film resin, suitable for the manufacturing of unoriented film on chill roll process.

Cas No. 9003-07-0

HD601CF contains:

no	Antiblocking agent
no	Slip agent
no	Calcium stearate

Typical characteristics

HD601CF can be described with following typical characteristics:

Easy processability
High stiffness
Heat sterilisable
Good optical properties
Good mechanical properties

Applications

HD601CF is intended for following applications:

Textile packaging film
Food packaging
Lamination film
Stationery film
Flower packaging

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	8	g/10min	ISO 1133-1
Flexural modulus [1]	1600	MPa	ISO 178
Melting temperature	164	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	157	°C	ISO 306

* Data should not be used for specification work

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

Packaging and storage

HD601CF 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.

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.

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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 and www.borealiseverminds.com.

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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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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