# PRODUCT DATA SHEET

07.05.2025 Ed.6

## Polypropylene

# HD204CF

### Polypropylene Homopolymer

## Description

HD204CF is a homopolymer film resin, suitable for the manufacturing of unoriented film on chill roll process.

The grade does not contain calcium stearate.

## Typical characteristics

HD204CF can be described with following typical characteristics:

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

## Applications

HD204CF is intended for following applications:

Flower packaging
Food packaging
Lamination film
Textile packaging film
Stationery film

## 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] | 1450 | MPa | ISO 178 |
| Melting temperature | 164 | °C | ISO 11357-3 |
| Vicat softening temperature A50 ( 10 N) | 155 | °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

HD204CF 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.

## 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.

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## Disclaimer

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