PRODUCT DATA SHEET

05.05.2025 Ed.8

Polypropylene

HD214CF

Polypropylene Homopolymer

Description

HD214CF is a homopolymer film resin, suitable for the manufacturing of unoriented film on chill roll process.

Cas No. 9003-07-0

HD214CF contains:

1800	ppm	Antiblocking agent
		Calcium stearate

Typical characteristics

HD214CF can be described with following typical characteristics:

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

Applications

HD214CF is intended for following applications:

Flower packaging
Food packaging
Lamination film
Stationery film
Textile packaging film

Physical properties

Property	Typical value *	Unit	Test method
MFR 230°C/2.16kg	8	g/10min	ISO 1133-1
Flexural modulus [1]	1400	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 and conditioned at 23 °C.*

Processing techniques

HD214CF is a homopolymer film resin, suitable for the manufacturing of unoriented film on chill roll process.

Packaging and storage

HD214CF 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.
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Borealis AG | Trabrennstrasse 6-8 | A-1020 Vienna | Austria
Telephone: +43 1 22 400 0* | Fax: +43 1 22 400 333
Website www.borealisgroup.com

Manufacturer website: https://www.borealisgroup.com/