

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 |
| no | | Slip agent |
| yes | | Calcium stearate |

Typical characteristics

HD214CF can be described with following typical characteristics:

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

Applications

HD214CF is intended for following applications:

| | |
|------------------|------------------------|
| Flower packaging | Stationery film |
| Food packaging | Textile packaging film |
| Lamination film | |

Physical properties

| Property | Typical value * | Unit | Test method |
|--|-----------------|---------|-------------|
| MFR 230°C/2.16kg | 8 | g/10min | ISO 1133-1 |
| Flexural modulus ¹ | 1300 | 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.

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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