# PRODUCT DATA SHEET

## Polypropylene

# BD712CF

### Polypropylene Heterophasic Copolymer

## Description

BD712CF is a heterophasic copolymer.

This grade is suitable for the manufacturing of unoriented films on cast and tubular quench film lines.

BD712CF contains:

| | |
|---|---|
| no | Antiblocking agent |
| no | Slip agent |
| yes | Calcium stearate |

## Typical characteristics

BD712CF can be described with following typical characteristics:

Easy processability
Excellent low temperature impact
High toughness
Good seal strength
Retortable

## Applications

BD712CF is intended for following applications:

Food packaging
Lamination film
Stationery film
Label film

## Physical properties

| Property | Typical value * | Unit | Test method |
|---|---|---|---|
| Melt flow rate (230 °C/2.16 kg) | 7 | g/10min | ISO 1133-1 |
| Flexural modulus [1] | 1100 | MPa | ISO 178 |
| Charpy impact strength, notched (23 °C) | 7 | kJ/m² | ISO 179-1 |
| Melting temperature | 165 | °C | ISO 11357-3 |
| Vicat softening temperature A50 (10 N) | 150 | °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

BD712CF 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



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