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# PRODUCT DATA SHEET

## Polypropylene

# RD208CF

### Polypropylene Random Copolymer

## Description

RD208CF is a random copolymer.

This grade is suitable for the manufacturing of unoriented films on chill roll processes

Cas No. 9010-79-1

RD208CF contains:

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

## Typical characteristics

RD208CF can be described with following typical characteristics:

| | |
|---|---|
| Soft | High impact strength |
| Superior optical properties | |

## Applications

RD208CF is intended for following applications:

| | |
|---|---|
| Soft packaging film | Lamination film |
| Stretch film | Stationery film |
| Metallisable film | Food 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] | 650 | MPa | ISO 178 |
| Charpy impact strength, notched (23 °C) | 6.5 | kJ/m² | ISO 179-1/1eA |
| Melting temperature | 140 | °C | ISO 11357-3 |
| Vicat softening temperature A50 (10 N) | 125 | °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

RD208CF 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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# RD208CF

## 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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