17.10.2022 Ed.7

PRODUCT DATA SHEET

Polypropylene

RD204CF

Polypropylene Random Copolymer

Description

RD204CF is a random copolymer.

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

Cas No. 9010-79-1

RD204CF contains:

no	Antiblocking agent
no	Slip agent
no	Calcium stearate

Typical characteristics

RD204CF can be described with following typical characteristics:

Very good optical properties	High stiffness
Sterilisable	Good sealing

Applications

RD204CF is intended for following applications:

Food packaging	Stand up pouches
Label film	Textile packaging film
Lamination 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]	1100	MPa	ISO 178
Charpy impact strength, notched (23 °C)	4.5	kJ/m²	ISO 179-1/1eA
Melting temperature	150	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	140	°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

RD204CF 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.

BOREALIS

Polypropylene

RD204CF

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.
Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.
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.
No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.

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/