PRODUCT DATA SHEET

31.03.2025 Ed.7

Polypropylene

RB707CF

Polypropylene Random Copolymer

Description

RB707CF is a random copolymer.

This grade is suitable for the manufacturing of unoriented film on blown film lines.

Cas No. 9010-79-1

Typical characteristics

RB707CF can be described with following typical characteristics:

- High gloss
- Low haze
- Heat sterilisable
- High stiffness
- Good sealing performance

Applications

RB707CF is intended for following applications:

- Technical and protection films
- Label film
- Lamination film
- Textile packaging film
- Sealing layer in coextrusion
- Transparent packaging film
- Food packaging

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	1.5	g/10min	ISO 1133-1
Flexural modulus [1]	900	MPa	ISO 178
Charpy impact strength, notched (23 °C)	25	kJ/m²	ISO 179-1
Melting temperature	147	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	127	°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

RB707CF 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.

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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