PRODUCT DATA SHEET

03.03.2025 Ed.9

Polypropylene

RE239CF

Polypropylene Random Copolymer

Description

RE239CF is a random copolymer

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

Cas No. 9010-79-1

RE239CF contains:

1800	ppm	Antiblock (SiO2)
2000	ppm	Slip (EAA)
yes		Calcium stearate

Typical characteristics

RE239CF can be described with following typical characteristics:

Low seal initiation temperature
High softness and tenacity
High tenacity

Applications

RE239CF is intended for following applications:

Food packaging
Lamination film
Textile packaging film
Stationery film
Flower packaging

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	11	g/10min	ISO 1133-1
Flexural modulus [1]	650	MPa	ISO 178
Charpy impact strength, notched (23 °C)	6	kJ/m²	ISO 179-1/1eA
Melting temperature	141	°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

RE239CF 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

RE239CF

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.
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