

## 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 (SiO <sub>2</sub> )
2000	ppm	Slip (EAA)
yes		Calcium stearate

#### Typical characteristics

RE239CF can be described with following typical characteristics:

Low seal initiation temperature	High tenacity
High softness and tenacity	

#### Applications

RE239CF is intended for following applications:

Food packaging	Stationery film
Lamination film	Flower packaging
Textile packaging film	

#### Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	11	g/10min	ISO 1133-1
Flexural modulus <sup>1</sup>	650	MPa	ISO 178
Charpy impact strength, notched (23 °C)	6	kJ/m <sup>2</sup>	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

<sup>1</sup> 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](http://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](http://www.borealisgroup.com) and [www.borealiseverminds.com](http://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.

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