

## Polypropylene

# RG444FB

### Polypropylene Random Copolymer

#### Description

RG444FB is a polypropylene random copolymer targeting spunbonded high loft applications.

Cas No. 9010-79-1

#### Typical characteristics

RG444FB can be described with following typical characteristics:

Easy Processability	Controlled rheology
Optimal product consistency	Anti-gasfading stabilisation

#### Applications

RG444FB is intended for following applications:

Spunbonded Bi-component	Partially Oriented Yarn
Spunbonded nonwoven	

#### Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	27	g/10min	ISO 1133-1
Melting temperature	147	°C	ISO 11357-3
Molecular weight distribution	Very narrow	-	

\* Data should not be used for specification work

#### Processing techniques

The actual conditions will depend on the type of equipment used and targeted applications.

#### Packaging and storage

RG444FB 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).

#### 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.

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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.

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