PRODUCT DATA SHEET

Polypropylene

HL912FB

Polypropylene Homopolymer

Description

HL912FB is a polypropylene homopolymer for meltblown applications in hygiene and filtration, specially designed for ultrafine fibers.

Cas No. 9003-07-0

Typical characteristics

HL912FB can be described with following typical characteristics:

- Easy processability
- Optimal product consistency
- Very high flow
- Controlled rheology
- Broad processing window
- Improved barrier properties
- High absorption capacity
- Suitable for electrostatic charging

Applications

HL912FB is intended for following applications:

- Melt blown applications: Hygiene, Filtration, Absorbance, Acoustics, etc.
- Personal Protective Equipment (Facemasks, Medical gowns)
- Flow Enhancer

Physical properties

Property	Typical value *	Unit	Test method
Density	900	kg/m³	ISO 1183-1
Melt flow rate (230 °C/2.16 kg)	1200	g/10min	ISO 1133-1
Melting temperature	158	°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. HL912FB can be processed at higher temperature, generating thinner fibers.

Packaging and storage

HL912FB 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

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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 and www.borealiseverminds.com.

Disclaimer

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