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PRODUCT DATA SHEET

Polypropylene

HD244CF

Polypropylene Homopolymer

Description

HD244CF is a homopolymer film resin, suitable for the manufacturing of unoriented film on chill roll process.

HD244CF contains:

2000	ppm	Slip agent
		Calcium stearate

Typical characteristics

HD244CF can be described with following typical characteristics:

Easy processability
Good mechanical properties
Very low coefficient of friction - fast migrating slip
High heat resistance
Good optical properties

Applications

HD244CF is intended for following applications:

Food packaging
Lamination film
Stationery film
Flower packaging
Textile packaging film

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	8	g/10min	ISO 1133-1
Flexural modulus [1]	1400	MPa	ISO 178
Melting temperature	164	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	155	°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

HD244CF 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.

BOREALIS

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