PRODUCT DATA SHEET

Polypropylene

TD315BF

Polypropylene Terpolymer

Description

TD315BF is a C2/C4 terpolymer.

This grade is designed for sealing layers of oriented and non oriented films.

Cas No. 25895-47-0

TD315BF contains:

1000	ppm	Antiblocking agent
1000	ppm	Slip agent
yes		Calcium stearate

Typical characteristics

TD315BF can be described with following typical characteristics:

- Lowest volatiles and fumes during processing
- Low content of amorphous polymer
- Low taste & odour
- Excellent printability
- Good stability of surface tension
- High seal strength and hot tack force
- High sealing w indow
- Excellent optical properties
- Optimised balance betw een highmelting point for easy
- Processing and low sealing temperature

Applications

TD315BF is intended for following applications:

- Sealing layer in coextrusion
- Lamination film
- Food packaging film

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	6	g/10min	ISO 1133-1
Flexural modulus [1]	700	MPa	ISO 178
Melting temperature	131	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	115	°C	ISO 306
Seal initiation temperature[2]	105	°C	Borealis Test Method

* Data should not be used for specification work

[1] *Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.*
[2] *Measured on 50 µm film.*

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Packaging and storage

TD315BF 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.

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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.

Disclaimer

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