

PRODUCT DATA SHEET

Polypropylene

TD312BF

Description

TD310BF is a C2/C4 terpolymer.

This grade has a broad molar weight distribution and is designed for sealing layers of oriented and non oriented films.

Cas No. 25895-47-0

TD312BF contains:

1000 ppm Antiblocking agent

Typical characteristics

TD312BF can be described with following typical characteristics:

High seal strength and hot tack force

Broad sealing window

Excellent printability

This grade contains Calcium stearate

Good stability of surface tension

Excellent optical properties

Effective processing stabilizer package

Applications

TD312BF is intended for following applications:

Food packaging film

Lamination film

Seal layers in packaging films

Shrink 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

¹ Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.

² Measured on 50 µm film.

* Data should not be used for specification work

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.

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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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