PRODUCT DATA SHEET

05.10.2022 Ed.7

PP/PE Compound

WD170CF

Peelable grade for film extrusion

Description

WD170CF is a polyolefin resin suitable for the manufacturing of non-oriented sterilisable peelable cast films on chill roll processes.

Cas No. 9010-79-1, 9002-88-4

WD170CF contains:

no	Antiblocking agent
no	Slip agent
no	Calcium stearate

Typical characteristics

WD170CF can be described with following typical characteristics:

Seal- and peelable against itself	Sterilisable
Seal- and peelable against Polypropylene	Medium peel force

Applications

WD170CF is intended for following applications:

Lamination film	Packaging for pharmaceutical, medical device & diagnostic products
Lidding film	Retort food packaging

For any other potential Healthcare application or end use please contact up-front your Borealis Sales Manager or Application Development Engineer.

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	6.5	g/10min	ISO 1133-1
Flexural modulus [1]	800	MPa	ISO 178
Melting temperature	110 - 150	°C	ISO 11357-3

* 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

WD170CF 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

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.
To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.
Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.
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.
No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.

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