



Polypropylene WE150CF

Description

WE150CF is a polyolefin resin suitable for the manufacturing of non-oriented sterilisable peelable cast films on chill roll processes.

CAS-No. 9010-79-1
25087-34-7

Applications

WE150CF has been evaluated according to different regulations and norms. Typical applications are mentioned below for Medical devices or Pharmaceutical & Diagnostic packaging. However, Borealis should be consulted for final approval to evaluate the use of WE150CF .

Retort food packaging	Medical devices class I
Lamination films	Medical device packaging
Lidding film	

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

Additives

WE150CF contains antiblock and slip agents

Additives	Content	
Antiblock (SiO ₂)	1000 ppm	Borealis Method
Slip (EAA)	1100 ppm	Borealis Method
Calcium stearate	Yes	Borealis Method

Special features

Seal- and peelable against itself	Water steam sterilisable
Seal- and peelable against Polypropylene	

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	12,5 g/10min	ISO 1133
Flexural Modulus ¹	1.000 MPa	ISO 178
Melting temperature (DSC)	135 - 155 °C	ISO 11357-3

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

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Storage

WE150CF should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.

More information on storage is found in our "Safety data sheet" / "Product safety information sheet" for this product.

Safety

The product is not classified as dangerous. Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative.

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.

Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

"Safety data sheet" / "Product safety information sheet"
Statement on chemicals, regulations and standards
Statement on compliance to food contact regulations
Statement on compliance to regulations on medical use

Disclaimer

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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