

# PRODUCT DATA SHEET

## 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 WE150C.

|                       |                          |
|-----------------------|--------------------------|
| 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 <sub>2</sub> ) | 1000 ppm | Borealis Method |
| Slip (Erucamide)              | 1100 ppm | Borealis Method |
| Calcium stearate              |          | Borealis Method |

#### SPECIAL FEATURES

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

#### PHYSICAL PROPERTIES

| Property                        | Typical Value | Test Method |
|---------------------------------|---------------|-------------|
| Melt Flow Rate (230 °C/2,16 kg) | 12.5 g/10min  | ISO 1133    |
| Flexural Modulus <sup>1</sup>   | 1.000 MPa     | ISO 178     |
| Melting temperature (DSC)       | 135 - 155 °C  | ISO 11357-3 |

<sup>1</sup> Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity  
Data should not be used for specification work

## 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 Borouge 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  
General statement on compliance to food contact regulations  
Statement on compliance to regulations on medical use  
Statement on BSE / TSE

## STANDARDS

Borouge is certified to various ISO standards, please refer to [Borouge.com](http://Borouge.com) for more information.

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## 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.**

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