



Polypropylene WD170CF

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

Applications

WD170CF 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 WD170CF.

Lamination films
Lidding film

Retort food packaging
Medical device packaging

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

Special features

Seal- and peelable against itself
Seal- and peelable against Polypropylene

Sterilisability by means of water steam

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	6,5 g/10min	ISO 1133
Flexural Modulus ¹	800 MPa	ISO 178
Melting temperature (DSC)	110 - 150 °C	ISO 11357-3

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

Storage

WD170CF 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.

HongRong Engineering Plastics Co.,Ltd.
Head Office Tel. +85-2-6957-5415
Research Center Tel.+188 1699 6168



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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