


**Polypropylene**  
**Daploy™ WE100HMS**
**Description**

**Daploy WE100HMS** is a structurally isomeric modified propylene homopolymer.

**Daploy WE100HMS** is intended to be used as modifier in PP coating grades to improve processing and reduce neck in

**Applications**

**Daploy WE100HMS** is recommended for

Coating of textile fibres  
Microwave applications  
Coating of various plastic films and cellophane

Extrusion coating of high volume production of boards and papers

**Special features**

**Daploy WE100HMS** is optimised to deliver:

Combination of high strength and drawability in the melt phase  
Improved drawability

Excellent processing properties  
High temperature resistance

**Physical Properties**

| Property                                       | Typical Value | Test Method |
|------------------------------------------------|---------------|-------------|
| Data should not be used for specification work |               |             |
| Melt Flow Rate (230 °C/2,16 kg)                | 10 g/10min    | ISO 1133    |
| Tensile Modulus                                | 2.000 MPa     | ISO 527-2   |

**Application Related Properties**

| Property                                       | Typical Value | Test Method     |
|------------------------------------------------|---------------|-----------------|
| Data should not be used for specification work |               |                 |
| Melt strength                                  | 7 c N         | Borealis Method |
| Melt Extensibility                             | 250 mm/sec    | Borealis Method |

Daploy is a trademark of Borealis group.

Borealis AG | Wagramerstrasse 17-19 | 1220 Vienna | Austria  
Telephone +43 1 224 00 0 | Fax +43 1 22 400 333  
FN 269858a | CCC Commercial Court of Vienna | Website [www.borealisgroup.com](http://www.borealisgroup.com)

**Polypropylene**

# Daploy WE100HMS

## Storage

**Daploy WE100HMS** 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".

## 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 polymer additives and BSE



# Polypropylene Daploy WE100HMS

## 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 Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.