



# Polypropylene<sup>TM</sup> Daploy<sup>TM</sup> WB140HMS

## Description

**Daploy WB140HMS** is a structurally isomeric modified propylene homopolymer.

It is a long chain branched homopolymer

## Applications

**Daploy WB140HMS** is recommended for

Foamed application in automotive, food packaging or other foamed sheet converting technologies.

## Special features

**Daploy WB140HMS** is optimised to deliver:

High stiffness  
High service temperature  
Excellent processability

Foamability in foam extrusion processes  
Good insulation properties of foamed materials  
Good thermal and acoustic insulation properties

## Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	2,1 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	36 c N	Borealis Method
Melt Extensibility	255 mm/sec	Borealis Method

## Storage

**Daploy WB140HMS** 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.

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**Polypropylene**

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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

General statement on compliance to food contact regulations

Statement on polymer additives and BSE

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