



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

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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

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