Polypropylene
Daploy™ WB140HMS

Description
Daploy WB140HMS is a structurally isomeric modified propylene homopolymer.

It is a long chain branched homopolymer

CAS-No. 9003-07-0

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 Data should not be used for specification work	Test Method
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 Data should not be used for specification work	Test Method
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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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 BSE / TSE