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PRODUCT DATA SHEET

Polypropylene

Daploy™ WF420HMS

Description

Daploy WF420HMS is a structurally isomeric modified propylene homopolymer intended to be used Extrusion Coating

Cas No. 9003-07-0

Typical characteristics

Daploy™ WF420HMS can be described with following typical characteristics:

Excellent grease resistance
Excellent temperature resistance
Very good moisture barrier properties
Excellent processability

Applications

Daploy™ WF420HMS is intended for following applications:

Coated film
Lamination film
Lidding film
Retort food packaging

Extrusion lamination - enhance Design for Recycling (DfR)

Physical properties

Property	Typical value *	Unit	Test method
Density	910	kg/m³	ISO 1183-1
Melt flow rate (230 °C/2.16 kg)	22	g/10min	ISO 1133-1
Vicat softening temperature A50 (10 N)	153	°C	ISO 306
Melting temperature	161	°C	ISO 11357-3

* Data should not be used for specification work

Packaging and storage

Daploy™ WF420HMS should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which can result in odour generation and colour changes and can have negative effects on the physical properties of this product.

Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website www.borealisgroup.com.

Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency.

Further information on sustainability and Design for Recycling (DfR) can be found from our websites www.borealisgroup.com and www.borealiseverminds.com.

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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.
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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 any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.

Borealis AG | Trabrennstrasse 6-8 | A-1020 Vienna | Austria
Telephone: +43 1 22 400 0* | Fax: +43 1 22 400 333
Website www.borealisgroup.com

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