PRODUCT DATA SHEET

**02.07.2018 Ed.3**

# Polyethylene
# MA8200
Low Density Polyethylene

## Description
**MA8200** is an autoclave polymerised LDPE homopolymer. It is intended to be used over a wide range of moulding and extrusion coating applications.

**CAS-No.** 9002-88-4

## Applications

Caps and closures

Extrusion coating of boards and papers

## Additives
**MA8200** contains no additives.

## Physical Properties
Given density and MFR values are to be considered as average values.

| Property | Typical Value<br>Data should not be used for specification work | Test Method |
|---|---|---|
| Density | 920 kg/m³ | ISO 1183 |
| Melt Flow Rate (190 °C/2,16 kg) | 7,5 g/10min | ISO 1133 |
| Melting temperature (DSC) | 107 °C | ISO 11357-3 |
| Maximum Coating Speed | 600 m/min | BTM 14921 |
| Total Neck-in | 45 mm | BTM 14920 |

## Storage
**MA8200** 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" for this product.

## Safety
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. The product is not classified as dangerous.

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Manufacturer website: https://www.borealisgroup.com/

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## 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 Origin of Raw Materials

**Issuer:**
Marketing Consumer Products **/** Gustaf Tobieson / Meta Cigon
Product Management **/** Mari Kylmala

**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 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.

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