



Polyethylene CA8200

Description

CA8200 is a low-density polyethylene for extrusion coating.

CAS-No. 9002-88-4

Applications

CA8200 is designed for:

Extrusion coating of high volume production of boards and papers

Coating of various plastic films and cellophane

Additives

CA8200 contains no additives.

Special features

CA8200 is optimised to deliver:

Good moisture barrier properties
Good heat seal properties

Good adhesion properties
Very low odour during processing

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	920 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	7,5 g/10min	ISO 1133
Melting temperature (DSC)	108 °C	ISO 11357-3
Maximum Coating Speed	850 m/min	BTM 14921
Minimum Coating Weight	5 g/m ²	BTM 14922
Total Neck-in	64 mm	BTM 14920

Processing Techniques

The actual conditions will depend on the type of equipment used.

A typical temperature profile from the feed zone is: 240/290/320/320/320/320°C. The adapter and die temperature setting is 5 - 10°C lower than the temperature setting for the last extruder zone.

HongRong Engineering Plastics Co.,Ltd.
Head Office Tel. +85-2-6957-5415
Research Center Tel.+188 1699 6168



Polyethylene CA8200

Storage

CA8200 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



Polyethylene CA8200

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.