



# Polyethylene CG8410

## Description

**CG8410** is a high-density polyethylene for extrusion coating.

**CAS-No.** 25087-34-7

## Applications

**CG8410** is designed for:

Extrusion coating of high volume production of boards and papers

## Special Features

**CG8410** is optimised to deliver:

Good processability  
High speed coating  
Excellent moisture barrier properties

High grease resistance  
Low friction  
Increased surface hardness and stiffness

## Physical Properties

Property	Typical Value	Test Method
<small>Data should not be used for specification work</small>		
Density	941 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	7,5 g/10min	ISO 1133
Melting temperature (DSC)	129 °C	ISO 11357-3
Maximum Coating Speed	500 m/min	BTM 14921
Minimum Coating Weight	8 g/m <sup>2</sup>	BTM 14922
Total Neck-in	86 mm	BTM 14920

## Storage

**CG8410** 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".



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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 polymer additives and BSE

## 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.