



# Polyethylene CG8410

## Description

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

## 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 |
|---------------------------------|--|-------------|
|                                 | Data should not be used for specification work |             |
| Density                         | 941 kg/m <sup>3</sup>                          | ISO 1183    |
| Melt Flow Rate (190 °C/2,16 kg) | 7,5 g/10min                                    | ISO 1133    |
| Maximum Coating Speed           | 500 m/min                                      | BTM 14921   |
| Minimum Coating Weight          | 8 g/m <sup>2</sup>                             | BTM 14922   |
| Total Neck-in                   | 95 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.

## Safety

The product is not classified as a dangerous preparation.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety of the product.

## 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.

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## 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

## 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.**

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