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Polyethylene CT7200

Description

CT7200 is a low-density polyethylene homopolymer for extrusion coating, produced with high pressure tubular technology.

CAS-No. 9002-88-4

Applications

CT7200 is designed for:

High volume extrusion coating of boards and papers
Extrusion coating and extrusion lamination of various substrates
Co-extrusion in multilayer structures

Additives

CT7200 contains no additives.

Special features

CT7200 is optimised to deliver:

Easy processing
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	918 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	5,0 g/10min	ISO 1133

Processing Techniques

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

A typical temperature profile from the feed zone is: 240/290/315/315/315/315°C. The adapter and die temperature setting is 5 - 10°C lower than the temperature setting for the last extruder zone.

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Storage

CT7200 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