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Polyethylene CA7230

Description

CA7230 is a low-density polyethylene for extrusion coating.

CAS-No. 9002-88-4

Applications

CA7230 is designed for:

Extrusion coating of high volume production of boards and papers
Coating of various plastic films and cellophane

Coating and lamination of aluminium foil
Co-extrusion applications

Additives

CA7230 contains no additives.

Special features

CA7230 is optimised to deliver:

Good water vapour barrier
Extremely low odour during processing

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	923 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	4,5 g/10min	ISO 1133
Melting temperature (DSC)	109 °C	ISO 11357-3
Maximum Coating Speed	700 m/min	BTM 14921
Minimum Coating Weight	7 g/m ²	BTM 14922
Total Neck-in	61 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: 240/290/320/325/325/325°C. The adapter and die temperature setting is 5-10 °C lower than the setting for melt temperature.

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



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Storage

CA7230 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