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PRODUCT DATA SHEET

Polyethylene

CG9620

High Density Polyethylene

Description

CG9620 is a high density polyethylene grade for use in extrusion coating and film which combines excellent extrusion behaviour with superior mechanical properties. In extrusion coating it should be used in co-extrusion or in a blend with EC LDPE or CG8410.

Cas No. 25087-34-7

Typical characteristics

CG9620 can be described with following typical characteristics:

Excellent processability
High temperature resistance
High grease resistance
Improved water vapour barrier
Very good mechanical properties
Improved stiffness

Applications

CG9620 is intended for following applications:

Co-extrusion applications

Physical properties

Property	Typical value *	Unit	Test method
Density	962	kg/m³	ISO 1183-1/Method A
Melt flow rate (190 °C/2.16 kg)	12	g/10min	ISO 1133-1
Vicat softening temperature A50 (10 N)	129	°C	ISO 306
Melting temperature	131	°C	ISO 11357-3

* Data should not be used for specification work

Packaging and storage

CG9620 should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which can result in odour generation and colour changes and can have negative effects on the physical properties of this product. This material has a shelf life of 12 months after date of production, provided the material is stored under the aforementioned storage conditions.

Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website www.borealisgroup.com.

Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency. Further information on sustainability and Design for Recycling (DfR) can be found from our websites www.borealisgroup.com and www.borealiseverminds.com.

BOREALIS

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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.

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