



Polyethylene

LE9168

Low Density Polyethylene

Description

LE9168 is a low density polyethylene produced in high pressure process. The product is supplied as pellets.

CAS-No. 9002-88-4

Applications

LE9168 is recommended for:

Carrier for masterbatch and compounding applications	Houseware
Closures	Lids

Additives

LE9168 contains no additives.

Special Features

High flowability

Physical Properties

Property	Typical Value	Test Method
<small>Data should not be used for specification work</small>		
Density	916 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	65 g/10min	ISO 1133
Tensile Modulus (1 mm/min) ¹	110 MPa	ISO 527-2
Tensile Strain at Yield (50 mm/min) ¹	90 %	ISO 527-2
Tensile Stress at Yield (50 mm/min) ¹	8 MPa	ISO 527-2
Vicat softening temperature A50 ²	82 °C	ISO 306

¹ Measured on injection moulded specimens acc. to ISO 1872-2

² Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.

Storage

LE9168 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 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.

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 **Polyethylene**
LE9168**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

For general and grade specific compliance documents please see Borealis' homepage www.borealisgroup.com or ask your Borealis representative.

Issuer:

Marketing Advanced Products / Edwin Verdurmen
Product Management / Jenny Wang

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.

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