



Polyethylene OE5518

Description

OE5518 is a copolymer of ethylene and vinyl acetate containing 18% vinyl acetate by weight. OE5518 contains BHT as thermal antioxidant.

Applications

OE5518 is intended for use in industrial applications and is sold only for use in automotive, construction, pipe and wire and cable products.

Physical Properties

Property	Typical Value	Test Method
Density	939 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	8 g/10min	ISO 1133
Vinyl Acetate content by weight	18 %	Borealis Test Method
Melting temperature (DSC)	85 °C	ISO 11357-3

Processing Techniques

OE5518 copolymer shows excellent thermal stability, which allows higher processing temperatures, if needed. Additional stabilization could be required for longer exposure times. Corrosion-protected barrels, screws adapters and dies are recommended, since, at sustained melt temperatures above 230 °C ethylene vinyl acetate resins may thermally degrade and release corrosive by-products.

Storage

OE5518 should be stored in ambient room temperature 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

Please see the Safety data sheet (SDS) / Product safety information sheet (PSIS) for details on various aspects of safety, recovery and disposal of the products. For more information, contact your Borealis representative.

**Polyethylene**
OE5518**Issuer:**

Marketing Energy / Linus Karlsson
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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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.

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