



# Polyethylene OE5828

## Description

**OE5828** is a copolymer of ethylene and vinyl acetate containing 28% vinyl acetate by weight. OE5828 contains BHT as thermal antioxidant.

## Applications

**OE5828** 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	949 kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	25 g/10min	ISO 1133
Vinyl Acetate content by weight	28 %	Borealis Test Method
Melting temperature (DSC)	69 °C	ISO 11357-3

## Processing Techniques

**OE5828** 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

**OE5828** 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**  
**OE5828****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.**

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