



Polyethylene OE5328I

Description

OE5328I is a copolymer of ethylene and vinyl acetate containing 28% vinyl acetate by weight. OE5328I contains BHT as thermal antioxidant.

Applications

OE5328I 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
Data should not be used for specification work		
Density	950 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/2,16 kg)	3 g/10min	ISO 1133
Vinyl Acetate content	28 %	Internal method
Tensile Strain at Break (250 mm/min)	791 %	ISO 527-2
Tensile Stress at Break (250 mm/min)	21 MPa	ISO 527-2
Melting temperature	73 °C	Internal method
Vicat softening temperature	47 °C	ISO 306
Hardness, Shore A (1 s)	84	ISO 868
Hardness, Shore A (15 s)	82	ISO 868

Processing Techniques

OE5328I in hot melt adhesive applications is normally exposed to high temperatures for long times. 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

OE5328I 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.

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

 **Polyethylene**
OE5328I**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.