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Polyethylene BorSafe™ HE3495-LS-H

Blue high density Polyethylene compound for the coextrusion of indentifying stripes on black PE100 pipes

Description

BorSafe HE3495-LS-H is a bimodal polyethylene compound produced by the advanced Borstar technology.

The compound contains a stabilisation package that has been specifically designed to fully protect the polyethylene against thermal and UV degradation. Furthermore, it has a pigment system that gives a bright colored stripe, even when extruded as a thin layer on a black pipe.

Applications

BorSafe HE3495-LS-H recommended for the production of indentifying stripes of black pipes produced from BorSafe HE3490-LS and BorSafe HE3490-LS-H :

Drinking water

Physical Properties

Property	Typical Value	Test Method
Data should not be used for specification work		
Density	951 kg/m ³	ISO 1183
Melt Flow Rate (190 °C/5,0 kg)	0,25 g/10min	ISO 1133

Storage

BorSafe HE3495-LS-H 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.

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.

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.

Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

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Polyethylene BorSafe HE3495-LS-H

"Safety data sheet" / "Product safety information sheet"
Recovery and disposal of polyolefins
Information on emissions from processing and fires

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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