



Polyethylene BorSafe™ HE3497-LS-H

Brown high density Polyethylene compound for the coextrusion of identifying stripes on black PE100 pipes

Description

BorSafe HE3497-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 protect the polyethylene against thermal degradation and contains some UV stabilizer to ensure a limited outdoor storage capability for the pipes.. 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 HE3497-LS-H recommended for the production of identifying stripes of black pipes produced from BorSafe HE3490-LS and BorSafe HE3490-LS-H. :

Industrial

Pressure sewerage

Physical Properties

Property	Typical Value	Test Method
Density (Compound)	956 kg/m ³	ISO 1183-1, Method A
Melt Flow Rate (190 °C/5,0 kg)	0,3 g/10min	ISO 1133

Data should not be used for specification work

Storage

BorSafe HE3497-LS-H shall be stored indoors below 50°C in unopened original packaging in clean and dry environment.

It is recommended to ensure proper stock rotation by using first in – first out principle. Following afore-mentioned conditions the material can safely be stored for a period of up to 3 years after production. However, caution shall be taken regarding the moisture level. It is recommended to measure the moisture after longer storage periods prior to processing.

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.

Borstar is a registered trademark of the Borealis group.

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Related Documents

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

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

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.