

 **Plastomer/Elastomer**
Bormed™ PL8830-PH

Description

Bormed PL8830-PH is an ethylene based octene-1 elastomer, produced in a solution polymerisation process using a metallocene catalyst.

CAS-No. 26221-73-8

Applications

Bormed PL8830-PH has been evaluated according to different regulations and norms. Typical applications are mentioned below for Medical and Diagnostic devices or Pharmaceutical packaging. However, Borealis should be consulted for final approval to evaluate the use of Bormed PL8830-PH .

Pouches for Continuous Ambulatory Peritoneal Dialysis
 Secondary packaging

Bags for IV solutions
 Bioreactors

The customer should be aware that Bormed products may only be used in applications which are pre-approved for evaluation by Borealis received in the form of a risk assessment form (RAF) review response. Without such pre-approval, no use of the grade shall be made. In case of doubt, the customer should seek pre-approval for evaluation from Borealis to proceed through their Sales or technical contact. Borealis makes no warranties beyond what is contained in this product datasheet and the customer is responsible for reading and accepting the disclaimer as contained in this product datasheet.

Additives

Bormed PL8830-PH contains a low amount of processing stabilizers

Special Features

Bormed PL8830-PH bridges the gap between thermoplastics and elastomers:

Very high packaging integrity even at low temperatures
 Exceptional compatibility with Bormed product portfolio to provide tailoring attribute opportunities
 Allows significant reduction of non PO impact modifiers

Very low level of antioxidant for enhanced informed decision making and validation of customer's testing programme

Physical Properties

Property	Typical Value	Test Method
<small>Data should not be used for specification work</small>		
Density	883 kg/m ³	ISO 1183-1, Method A
Melt Flow Rate (190 °C/2,16 kg)	1,1 g/10min	ISO 1133

Bormed is a trademark of the Borealis group.

Borealis AG | Wagramer Strasse 17-19 | 1220 Vienna | Austria
 Telephone +43 1 224 00 0 | Fax +43 1 22 400 333
 FN 269858a | CCC Commercial Court of Vienna | Website www.borealisgroup.com





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Storage

Bormed PL8830-PH This polymer, like most polymers, is combustible so the usual precautions concerning ignition sources should be taken in warehouses and storage rooms. Where large quantities are kept in store, it is necessary to observe the normal rules for orderly stock control and it is recommended to use the first in – first out (FIFO) principle for stock planning. The products should be stored in a dry and clean facility to prevent contamination and not be exposed to direct sunlight as this may lead to quality deterioration. These materials have a shelf life of at least 3 (three) years after date of production, provided the material remains in its original unopened packaging and are stored under the storage conditions as described in this document. "Shelf life" means that there will not be any substantial difference compared to the agreed specification. The date of batch creation can be derived from the batch code printed on the bags representing. YYMMDDHLL (LL being two letters with no reference to the production time). The lower density Bormed materials, approximately 880 kg/m³ or less, are more sensitive to temperatures. Therefore the following specific storage and handling guidelines have to be taken into account:

- The product should not be stored for extended periods or transferred at ambient temperatures greatly exceeding 25 degrees Celsius
- The products should not be stacked when in bags or super sacks

Safety

The product is not classified as dangerous. 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.

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.

Related Documents

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

Material Safety Data Sheet
Statement on chemicals, regulations and standards
Statement on compliance to food contact regulations

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Issuer:

Marketing Advanced Products / Katinka Brodahl
Product Management / Christian Merz

Disclaimer

The product(s) mentioned herein are not intended for use as medical implant material or implantable medical devices 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.