

Polyethylene **Stamylex™ 4066F**

Description

Stamylex 4066F is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler-Natta catalyst.

Applications

Stamylex 4066F Demonstrated applications include:

Stiff and tough films for transparent food packaging,
 especially in cook-in and heat sterilisation applications
 Non-cling layers in stretch applications

Sheets, for example for toothpaste tube construction
 Thermoforming applications

Special Features

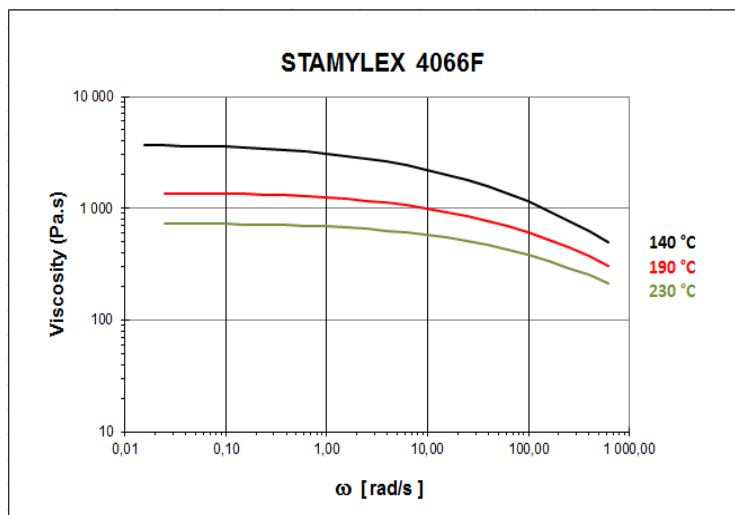
Stamylex 4066F is optimised to deliver:

An excellent combination of stiffness, heat resistance, high
 vicat temperature and water vapour barrier properties

Physical Properties

| Property | Typical Value | Test Method |
|------------------------------------|-----------------------|-------------|
| Density (23 °C) | 937 kg/m ³ | ISO 1183 |
| Melt Flow Rate (190 °C/2,16 kg) | 6,2 dg/min | ISO 1133 |
| Melting temperature (DSC) | 124 °C | ISO 11357-3 |
| Vicat softening temperature (10 N) | 114 °C | ISO 306 |

Data should not be used for specification work



Stamylex is a registered trademark of the Borealis group.

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Storage

Stamylex 4066F 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). Borealis Plastomers generally does not sell prime material older than 2 (two) years unannounced.

Related Documents

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

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.

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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.

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