

Stamylex[®] 4046 F

Octene-1 linear low density polyethylene

DATA SHEET

Description

Stamylex[®] 4046F is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler – Natta catalyst.

Stamylex 4046 offers an excellent combination of :

- stiffness
- heat resistance
- high Vicat temperature
- water vapour barrier properties

Applications

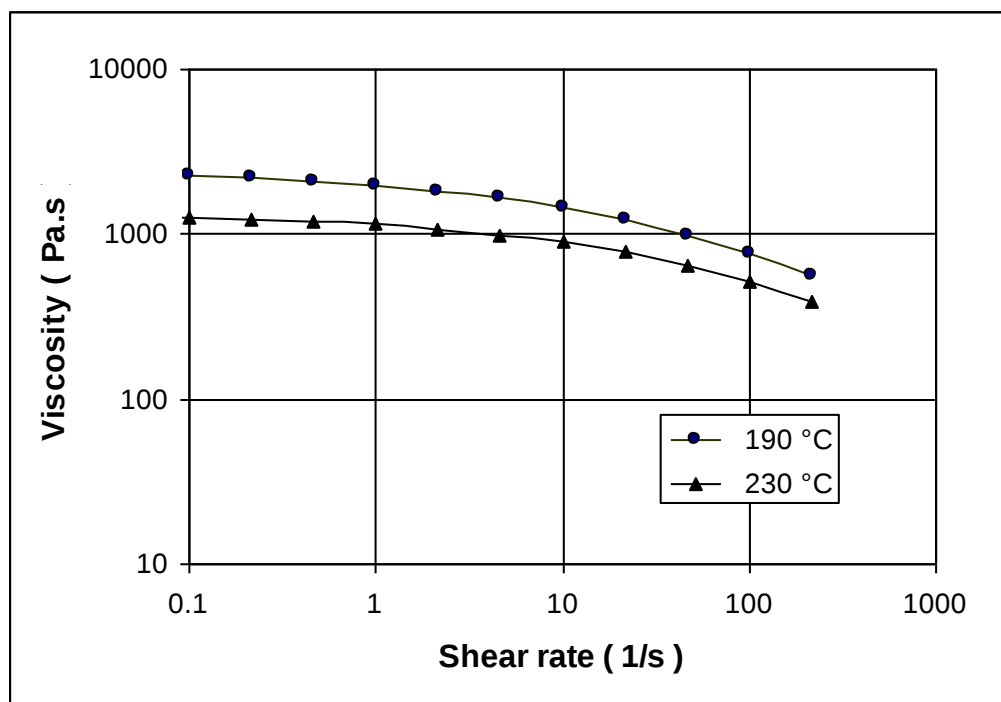
The main applications for Stamylex 4046 F include :

- 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

<i>Polymer properties</i>	<i>Units</i>	<i>Typical values</i>	<i>Method</i>
Melt Flow Rate (2.16 kg/190°C)	dg/min	4.4	ISO 1133
Density (23°C)	kg/m ³	936	ISO 1183

Thermal properties

Vicat softening temperature	°C	116	ISO 306
DSC melting point	°C	127	ASTM 3418



Food Law Compliance and Product Handling

Detailed and specific information on food law compliance and material safety aspects of Stamylex grades will be provided upon request.

Standard Packaging

Stamylex 4046 F is supplied as free flowing pellets in bulk or packaged in 25 kg bags. The 25 kg bags are assembled on a heat treated pallet to a net weight of 1'375 kg and covered with a stretch hood.

Further information

Borealis AG
Wagramerstrasse 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

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 Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

Stamylex[®] is a trademark of the Borealis Group.