

Stamylex 1016 HSLF

Octene-1 linear low density polyethylene

DATA SHEET

Description and Attributes

Stamylex 1016 HSLF is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler – Natta catalyst.

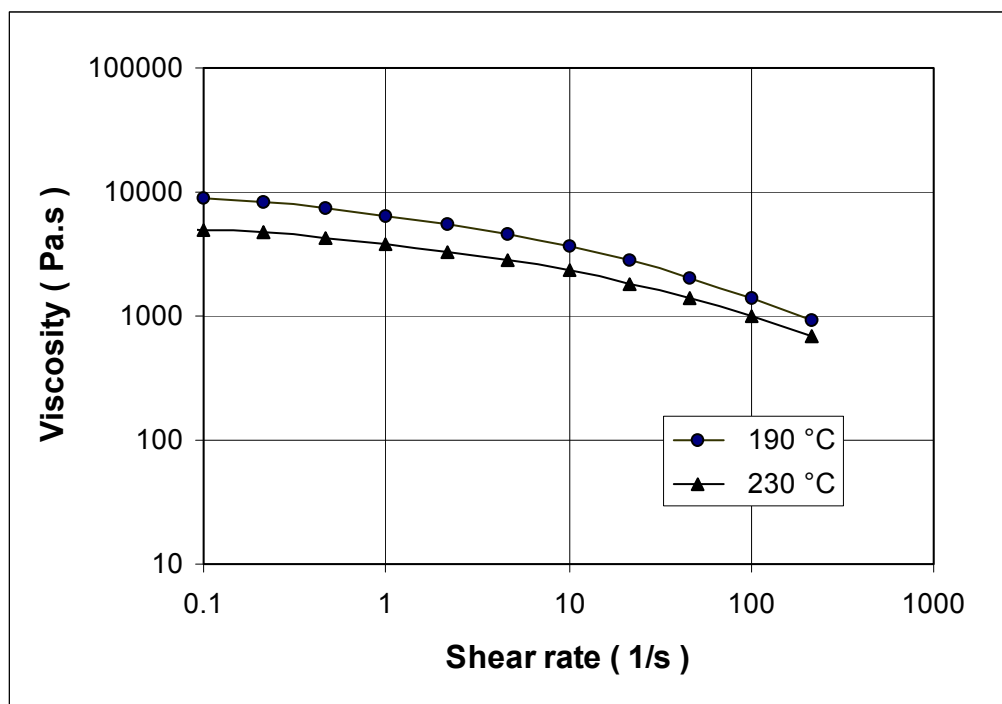
Stamylex 1016 HSLF contains a high-quality antiblock agent and slip additive for coefficient of friction control. The grade offers an excellent combination of sealability, mechanical strength and optical properties.

Applications

The main applications for Stamylex 1016 HSLF are in laminated and coextruded films, primarily for food packaging on form-fill-and-seal equipment.

<i>Polymer properties</i>	<i>Units</i>	<i>Typical values</i>	<i>Method</i>
Melt Flow Rate (2.16 kg/190°C)	dg/min	1.1	ISO 1133
Density (23°C)	kg/m ³	919	ISO 1183 (A)
<i>Thermal properties</i>			
Vicat softening temperature	°C	102	ISO 306
DSC melting point	°C	123	DIN 53765
DSC average heat of fusion	J/g	110	DIN 53765

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Additives

Stamylex 1016 HSLF contains 1000 ppm erucamide and 400 ppm of a high-quality antiblock agent.

Food Law Compliance and Product Handling

Stamylex 1016 HSLF complies with FDA 21 CFR 177.1520 (olefin polymers).

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

Packaging

Stamylex 1016 HSLF is supplied as free flowing pellets with standard package type 25 kg bags on shrink wrapped pallets with a total weight of 1'375 kg.

Further information

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