

Stamylex 9089 F

Octene-1 linear low density polyethylene

DATA SHEET

Description

Stamylex 9089 F is polyethylene homopolymer produced in a solution polymerization process using a Ziegler-Natta catalyst.

Key attributes offered by Stamylex 9089 F are stiffness and very low water vapour permeability.

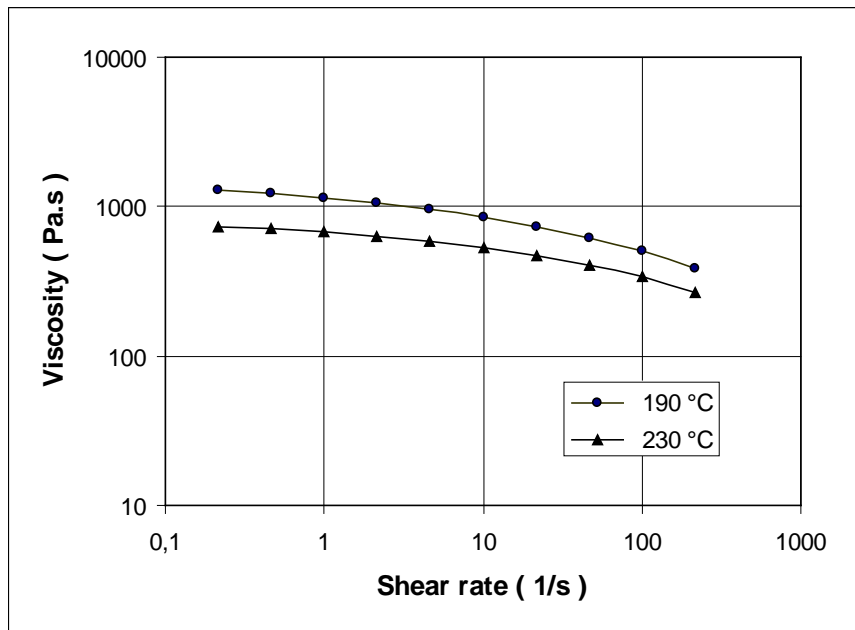
Applications

Stamylex 9089 F is typically used in multilayer films and extrusion coated structures.

When applied as blend component, for example in diaper films, Stamylex 9089 F serves to tailor stiffness.

General properties	<i>Units</i>	<i>Typical values</i>	<i>Method</i>
Melt Flow Rate (2.16 kg/190°C)	dg/min	8	ISO 1133
Density (23°C)	kg/m ³	963	ISO 1183
Moulded plaque properties	<i>Units</i>	<i>Typical values</i>	<i>Method</i>
Tensile test			ISO 527-2
Stress at break	MPa	11	
Strain at break	%	23	
Modulus of elasticity in tension	MPa	1450	
Thermal properties			
Vicat softening temperature at 10 N	°C	130	ISO 306
DSC melting point	°C	135	ASTM D3418

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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.

Packaging

Stamylex 9089 F 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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