

Stamylex[®] 2H 568

Octene-1 linear low density polyethylene

DATA SHEET

Description

Stamylex[®] 2H 568 is an octene based linear low density polyethylene produced in a solution polymerisation process using a Ziegler – Natta catalyst. This grade contains an additive package for thermal stabilization.

Applications

Stamylex 2H 568 is especially designed for the production of non wovens.

General properties	Units	Typical values	Method
Melt Flow Rate (2.16 kg/190°C)	dg/min	19	ISO 1133
Density (23°C)	kg/m ³	930	ISO 1183
Moulded plaque properties	Units	Typical values	Method
Tensile test [1]			ISO 527-2
Stress at break [2]	MPa	10	
Strain at break [2]	%	147	
Modulus of elasticity in tension	MPa	395	
Notched Izod at + 23 °C	kJ/m ³	12	ISO 180(1A)
Hardness Shore D		61	ISO 868
Thermal properties			
Vicat softening temperature at 10 N	°C	105	ISO 306
DSC melting point	°C	124	ASTM D3418

[1] Test specimen as per ISO 527-2 type 1 BA, thickness 2 mm

[2] Speed of testing: 500 mm/min

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 2H 568 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.

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.