

# Stamylex® 2H 568

Linear Low Density Polyethylene

Borealis AG

### Message:

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

General Information			
Additive	Heat Stabilizer		
Features	Low Density		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.930	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.9	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	61		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	395	MPa	ISO 527-2
Tensile Stress (Break)	10.0	MPa	ISO 527-2/500
Tensile Strain (Break)	150	%	ISO 527-2/500
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	12	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	105	°C	ISO 306/A
Melting Temperature	124	°C	ASTM D3418

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