# 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 |



Recommended distributors for this material

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