

## Technical Data Sheet : KeyForm H0620

### High Density Polyethylene

#### Product Description

The grade is a high density polyethylene with medium molar mass and special narrow molar mass distribution. It is appreciated by customers for monofilament applications. This grade contains a lubricant, is an easy flowing polymer, which shows good processing performance on monofilament production lines.

Monofilaments exhibit excellent tensile strength and high elongation at break. Typical customer applications are ropes and yarns for nets, geotextiles and protective netting in agriculture and building industry.

Information regarding regulatory status, including supported, prohibited, or restricted applications, is provided in the **Product Regulatory Summary** and the **Safety Data Sheet (SDS)**.

#### General

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Application          | Geotextile & Agriculture; Nets; Raffia/Tapes/Strapping |
| Market               | Textile                                                |
| Processing Method    | Blown Film; Monofilament; Tapes & Raffia               |
| Attribute            | Copolymer; Narrow Molecular Weight Distribution        |
| Internal ref. number | 1Q004, BEN11131                                        |
| Revision             | Version 2 ; June 2026                                  |

#### Properties.

| Typical Properties    | Nominal               |               | Test Method |
|-----------------------|-----------------------|---------------|-------------|
|                       | Value <sup>*)</sup>   | Units         |             |
| Physical              |                       |               |             |
| Melt Flow Rate        |                       |               |             |
|                       | (190 °C/2.16 kg)      | 1.0 g/10 min  | ISO 1133-1  |
|                       | (190 °C/5 kg)         | 3.3 g/10 min  | ISO 1133-1  |
|                       | (190 °C/21.6 kg)      | 33.0 g/10 min | ISO 1133-1  |
|                       | Density               | 0.957 g/cm³   | ISO 1183-1  |
| Thermal               |                       |               |             |
|                       | Peak Melting Point    | 135 °C        | ISO 11357-3 |
| Processing Parameters |                       |               |             |
|                       | Extrusion Temperature | 220-260 °C    |             |

<sup>\*)</sup> These are typical property values not to be construed as specification limits.

#### Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

In cases where higher temperatures are required, please contact your appropriate technical contact for support.

#### Company Information

For further information regarding the Velogy, please visit <http://www.velogy.com>

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