

Technical Data Sheet : KeyForm H0520

High Density Polyethylene

Product Description

The grade is a high density polyethylene having medium molar mass and a narrow molar mass distribution for production of tapes. This grade contains a lubricant and is appreciated by customers for converting on all tape-stretching lines to produce products with good tensile strength, high elongation at break and very low tendency to fibrillation. Typical customer applications: tubular nets, packaging of agricultural products, 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	Nets; Raffia, Tapes, Strapping
Market	Textile, Agriculture
Processing Method	Blown Film
Attribute	Copolymer; Narrow Molecular Weight Distribution
Internal ref. number	1Q171, BEN6418
Revision	Version 1.1 ; June 2026

Properties.

Typical Properties	Nominal		Test Method
	Value*)	Units	
Physical			
	Melt Flow Rate		
	(190 °C/5.0 kg)	1.8 g/10 min	ISO 1133-1
	(190 °C/21.6 kg)	18 g/10 min	ISO 1133-1
Density	0.948	g/cm ³	ISO 1183-1
Mechanical			
	Tensile Modulus	1000 MPa	ISO 527-1, -2
	Tensile Stress at Yield	24 MPa	ISO 527-1, -2
Thermal			
	Vicat Softening Temperature, (B50)	75 °C	ISO 306
	Peak Melting Point	130 °C	ISO 11357-3
Processing Parameters			
	Extrusion Temperature	180-230 °C	

^{*)} 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.



Rotterdam Olefins & Polyolefins B.V.
Aert van Nesstraat 45, 3012 CA
Rotterdam, The Netherlands

Company Information

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

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