

Technical Data Sheet : KeyForm H0521

High Density Polyethylene

Product Description

The grade is a high density polyethylene with medium molar mass and special narrow molar mass distribution. This grade contains a lubricant, is an easy flowing polymer, which shows good processing performance on monofilament production lines. Monofilaments exhibit excellent tensile properties. Typical customer applications are nets, geotextiles and protective netting in agriculture and building industry. It is used for monofilament applications requiring higher tenacity.

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	1Q213, BEN8337
Revision	Version 2 ; June 2026

Properties.

	Nominal		Test Method	
	Value	Units		
Physical				
	Melt Flow Rate			
	(190 °C/2.16 kg)	0.6 g/10 min	ISO 1133-1	
	(190 °C/5.0 kg)	1.7 g/10 min	ISO 1133-1	
	(190 °C/21.6 kg)	18 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				
	Melt Temperature	220 - 260 °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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