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

Technical Data Sheet : AdvyForm H1202

High Density Polyethylene

Product Description

The polymer grade is a high density polyethylene resin used in extrusion coating and as blending partner in label film, demonstrates good flowability and a very low gel level.

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	Coatings, Protective
Market	Flexible Packaging
Processing Method	Cast Film; Extrusion Coating
Attribute	Antioxidant; Good Flow; Good Processability; High Density; High Rigidity
Internal ref. number	1Q364, BEN2921
Revision	Version 2 ; September 3, 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/2.16 kg)	8.0	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	23	g/10 min	ISO 1133-1
Density	0.960	g/cm^3	ISO 1183-1
Mechanical			
Tensile Modulus	1450	MPa	ISO 527-1, -2
Tensile Stress at Yield	30	MPa	ISO 527-1, -2
Tensile Strain at Yield	7	%	ISO 527-1, -2
Impact			
Charpy Impact Strength – Notched (Edgewise, Notch A)			
(23 °C)	4.0	kJ/m^2	ISO 179
(-30 °C)	4.5	kJ/m^2	ISO 179
Hardness			
Shore Hardness, (Shore D)	61		ISO 868
Thermal			
Vicat Softening Temperature, (B50)	74	°C	ISO 306

*)These are typical property values not to be construed as specification limits.

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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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