

Technical Data Sheet : AdvyForm P0310

Polypropylene, Homopolymer

Product Description

The polymer grade is a polypropylene homopolymer used for extrusion and blow moulding applications. Formulated with an enhanced process stabilisation package providing low water-carry-over during processing on strapping lines. Used for the production of straps, sheets, pipes and technical injection-moulded items.

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

General

Applications	Bags & Pouches; Barrier Film; Strapping
Market	Flexible Packaging; Industrial Packaging; Rigid Packaging
Processing Method	Continuous Filament/Spinning; Fibers; Spunbond; Staple Fiber
Attribute	Blown Film; Compounding; Extrusion Blow Molding; Extrusion Flat-die; Sheet; Sheet and Profile Extrusion
Internal ref. number	1Q096, BEN8675
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.8	g/10 min	ISO 1133-1
Density	0.9	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1400	N/mm ²	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	28	N/mm ²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	34	N/mm ²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	600	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	11	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	156	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2

*)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.



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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