

Technical Data Sheet : AdvyForm P1900

Polypropylene, Homopolymer

Product Description

The polymer grade is a polypropylene homopolymer. Suitable for injection moulding applications and can be used in technical compounds as Homo building block with a good fluidity, supplied in pelletized form.

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

General

Market	Pipe
Processing Method	Injection Molding
Attribute	High Flow; High Stiffness
Internal ref. number	1Q030, BEN8617
Revision	Version 2 ; September 4, 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	120	g/10 min	ISO 1133-1
Density	0.91	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1300	MPa	ISO 178
Tensile Modulus	1400	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	34	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength			
(23 °C, Type 1, Edgewise, Notch A)	>=2	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	150	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	80	°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.

Company Information

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