

Technical Data Sheet : AdvyForm P1700

Polypropylene Homopolymer

Product Description

The product is a polypropylene homopolymer. Suitable for injection molding applications and can also be used in technical compounds as a flow modifier. It has a high melt flow rate and it is 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

Application	Automotive Parts; Polymer Modifier
Market	Automotive; Compounding; Rigid Packaging
Processing Method	Injection Molding
Attribute	High Flow; High Rigidity; High Stiffness; Low Viscosity
Internal ref. number	1Q205, BEN3276
Revision	Version 2 ; September 4, 2026

Properties.

Typical Properties	Nominal		Test Method
	Value ^{*)}	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	70	g/10 min	ISO 1133-1
Density	0.9	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1550	MPa	ISO 178
Tensile Modulus, (23 °C)	1550	MPa	ISO 527-1, -2
Tensile Stress at Yield	34.5	MPa	ISO 527-1, -2
Tensile Strain at Yield	9.2	%	ISO 527-1, -2
Impact			
Charpy Impact Strength			
(23 °C, Type 1,Edgewise, Notch A)	1.8	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (B50)	94	°C	ISO 306

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

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

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