

Technical Data Sheet : AdvyForm M1900

Polypropylene, Homopolymer

Product Description

The grade is a metallocene-catalyzed homopolymer for compounding and injection molding with very high melt flow rate. Has an excellent stiffness, outstanding organoleptic properties and a low warpage

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; Containers; Polymer Modifier
Market	Automotive; Compounding; Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good Flow; Low to No Odor; Low Viscosity; Low Warpage
Internal ref. number	1Q239, BEN16437
Revision	Version 1.1 : June 2026

Properties.

Typical Properties		Nominal		
		Value	Units	Test Method
Physical				
Melt Flow Rate, (230 °C/2.16 kg)		150	g/10 min	ISO 1133-1
Density, (23 °C)		0.9	g/cm³	ISO 1183-1
Mechanical				
Flexural Modulus		1450	MPa	ISO 178
Tensile Stress at Yield, (23 °C)		35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)		7	%	ISO 527-1, -2
Impact				
Charpy Impact Strength - Unnotched, (23 °C)		50	kJ/m²	ISO 179
Thermal				
Vicat Softening Temperature, (A50)		98	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)		154	°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.

In cases where higher temperatures are required, please contact your appropriate technical contact for support.



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Company Information

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

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