

Technical Data Sheet : AdvyForm P1009

Polypropylene, Homopolymer

Product Description

The polymer grade is a non-pelletized homopolymer powder. The product is non stabilized. When pelletized and additivated is suitable for injection moulding. The main applications are mineral filled compounds, colour and additives masterbatches, furnitures.

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	Compounding
Processing Method	Compounding
Attribute	Medium Flow
Internal ref. number	1Q047, BEN8560
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density	0.9	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus, (23 °C)	1550	MPa	ISO 527-1, -2
Tensile Stress at Yield	35	MPa	ISO 527-1, -2
Tensile Strain at Break	>50	%	ISO 527-1, -2
Tensile Strain at Yield	9	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	155	°C	ISO 306

*)These are typical property values not to be construed as specification limits. Reported properties are measured on the pelletized and additivated resin.

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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