

Technical Data Sheet : AdvyForm P1053

Polypropylene, Homopolymer

Product Description

The polymer grade is a high flow polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). Contains proprietary stabilisation package, slip and antistatic agents. Typical applications are BOPP packaging and laminating films.

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	Food Packaging Film; Lamination Film
Market	Flexible Packaging
Processing Method	BOPP; Cast Film; Double Bubble
Attribute	High Flow; Homopolymer
Internal ref. number	1Q094, BEN8712
Revision	Version 2 ; September 4, 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			
(23 °C, Type 1, Edgewise, Notch A)	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.

Company Information

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