

Technical Data Sheet : AdvyForm P1112

Polypropylene, Homopolymer

Product Description

The grade is a polypropylene homopolymer suitable for extrusion applications. Formulated with an anti-gasfading stabilisation package and is used for the production of fine denier staple fibres. Typical application is nonwovens.

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

General

Applications	Filament Yarn
Market	Textile
Processing Method	Pipe; Sheet
Attribute	Continuous Filament/Spinning; Staple Fiber
Internal ref. number	1Q018, BEN9845
Revision	Version 2 ; September 4, 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11.5	g/10 min	ISO 1133-1
Density, (23 °C)	0.9	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	1400	N/mm ²	ISO 527-1, -2
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm ²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	34	N/mm ²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	700	%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	11	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	154	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	85	°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.



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