

PP

PP Y26

POLYPROPYLENE HOMOPOLYMER (PP) — FIBER GRADE

This fiber-grade polypropylene homopolymer has low ash content and good fluidity. Monofilament produced from this resin has high tensile strength and good spinning properties, making it suitable for high-speed spinning fabric production.

Typical Application

- High-speed spinning fabric production
- Pack-thread and packing string
- Luggage belt
- Automobile safety belt

Product Characteristics

- Low ash content
- Good fluidity

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		26 ± 3.5	g/10 min
Tensile Strength at Yield		≥ 31.0	MPa
Tensile Strength at Break		≥ 8.0	MPa
Isotactic Index		≥ 96	%
Ash Content		≤ 0.030	%
Elastic Modulus		≥ 1200	MPa

1. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.

2. The producer's typical (not-warranted) lot values quoted alongside the above quality-index specification are: melt flow rate 26 g/10 min, tensile strength at yield 33.3 MPa, tensile strength at break 19.6 MPa, isotactic index 97%, ash 0.17%, and elastic modulus 1400 MPa.