

PP

PP Y24

POLYPROPYLENE HOMOPOLYMER (PP) — FIBER GRADE

This fiber-grade polypropylene homopolymer combines low ash content with good spinning properties. It is engineered for high-speed and ultra-high-speed spinning and spunbonded nonwoven fabric production, yielding bulked continuous filament and fine, superfine staple fiber with broad application across decoration, medical/sanitation materials, and clothing.

Typical Application

- Ultra-fine staple fibers
- Bulked continuous filament (BCF)
- Spunbonded nonwoven fabric

Product Characteristics

- Low ash content
- Good spinnability

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		25	g/10 min
Tensile Strength at Yield		35	MPa
Isotactic Index		95	%
Ash Content		0.015	%

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. Distributor offer sheets for this grade quote a melt flow rate of 24 g/10 min with production at a different plant; the producer's own published catalog lists a typical melt flow rate of 25 g/10 min and tensile stress at yield of 35 MPa for this grade code, consistent within normal batch and plant-of-origin variance.