

PP

PP F03D

POLYPROPYLENE HOMOPOLYMER (PP)

This resin is a homopolymer polypropylene developed for biaxially oriented film (BOPP) production, offering good tensile stability, low soluble-matter content, high stiffness, and excellent optical performance for high-speed film lines.

Typical Application

- Biaxially oriented polypropylene (BOPP) film for packaging and lamination

Product Characteristics

- Good tensile stability during orientation and stretching
- Low soluble-matter content
- High stiffness with excellent optical clarity
- Suitable for high-speed BOPP film lines, including thin, medium, and thick gauges

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		2.8	g/10 min
Tensile Stress at Yield		28	MPa
Isotactic Index		95	%

1. Description per the producer's official product page; melt flow, tensile stress at yield, and isotactic index are typical values per the producer's published family data sheet, cross-checked against a distributor-published catalog for the same grade.

2. 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.