

PP

PP F5005

POLYPROPYLENE HOMOPOLYMER (PP) — BOPP FILM GRADE

F5005 is a biaxially oriented polypropylene (BOPP) film grade engineered for use as the ternary heat-seal layer in multilayer BOPP structures, including cigarette film applications. It offers a melt flow rate suited to high-speed film extrusion and a tensile stress at yield consistent with stable film-line processing and good sealing performance.

Typical Application

- BOPP film — ternary heat-seal layer
- Cigarette film

Product Characteristics

- Formulated for the heat-seal layer of multilayer BOPP film structures
- Balanced melt flow for stable biaxial-orientation film-line processing

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)	ASTM D1238	6	g/10 min
Tensile Stress at Yield		21	MPa

1. Typical values per the producer's published family data; grade-specific certificate of analysis supplied per lot at order.
2. Full per-grade technical data and a certificate of analysis are supplied with each order.