PP

PP F800E

POLYPROPYLENE RANDOM COPOLYMER (PPR)

This resin is a random copolymer polypropylene used in the surface and internal layers of cast polypropylene (CPP) film. Film produced from this resin is characterized by high transparency, good stiffness, a low heat-sealing temperature, heat and moisture resistance, good barrier properties, and strong adaptability for printing and lamination, with a smooth surface and good steam-boiling resistance. It is engineered specifically as the binary heat-seal layer of CPP film structures.

Typical Application	Product Characteristics	International Compliance
• Binary heat-seal layer of cast polypropylene (CPP) film • Food, pharmaceutical, cosmetic, and textile packaging film • Laminated and printed film structures	• High light transmittance and gloss • Good slip performance and printability • Low heat-sealing temperature • Stress-fracture resistant with good chemical stability and electrical insulation • Homogeneous film thickness with balanced processing properties	• FDA food-contact compliant • Food hygiene compliant

Film Properties

Properties	Test Method	Typical Value	Unit
Turbidity (Haze)		2.0	%
Gloss		86	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16 kg)		8.0	g/10 min
Tensile Strength at Yield		25	MPa
Notched Izod Impact Strength (23°C)		17.6	J/m
Unnotched Izod Impact Strength (23°C)		29.4	J/m
Flexural Modulus		820	MPa
Ash Content		0.03	%

1. This grade shares its published family datasheet with F08E, which is produced and loaded at the same sites.
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.