

PP

PP FC801MX

POLYPROPYLENE HOMOPOLYMER (PP)

A polypropylene homopolymer used in the surface and internal layers of cast polypropylene (CPP) film, specifically formulated for aluminized cast film. Film produced from this resin is characterized by high transparency, good stiffness, low heat-sealing temperature, heat and moisture resistance, good barrier properties, printing and recombination adaptability, a smooth surface, and good steam-boiling resistance, with uniform thickness and well-balanced properties.

Typical Application	Product Characteristics	International Compliance
- Aluminized cast polypropylene (CPP) film - Metallized barrier packaging film	- High transparency and good stiffness - Low heat-sealing temperature - Good heat and moisture resistance - Good barrier properties - Available for printing and recombination adaptability - Smooth surface with good steam-boiling resistance - Uniform film thickness with well-balanced properties	FDA

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		8	g/10 min
Tensile Stress at Yield		31	MPa
Notched Izod Impact Strength (23°C)		32	J/m
Flexural Modulus		1300	MPa
Ash Content		0.02	%

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.