

Jampilen HP420M

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP420M is a high flow polypropylene homopolymer designed for the production of biaxially oriented polypropylene film (BOPP) on tubular double bubble lines and cast film. Typical applications are BOPP packaging, laminating film and drinking straws but also packaging foodstuffs such as pasta, snacks, biscuits, bakery products and confectionery, film for packaging for flowers, books stationery, blankets, shirts, knitwear and hosiery. Jampilen HP420M is suitable for food contact.

General Information	
Features	Food Contact Acceptable
	High Clarity
	High Flow
	Homopolymer
Uses	Bi-axially Oriented Film
	Cast Film
	Drinking Straws
	Film
	Food Packaging
Processing Method	Bi-axially Oriented Film
	Cast Film
	Double-Bubble Film

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1450	MPa	ISO 527-2/1
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	152	°C	ISO 306/A50

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