

Jampilen HP522J

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP522J is a new homopolymer grade designed for the production of biaxially oriented polypropylene films (BOPP) primarily on high speed BOPP lines. This grade is characterised by its very broad processing window, easy film stretchability, good optical properties and reliable film thickness profile. Jampilen HP522J is suitable for metallization, both as monolayer and in coextruded structures. It does not contain any slip or antiblocking agents and it is Calcium Stearate free. Typical applications are BOPP packaging films and Sheet for Solid Phase Thermoforming. Jampilen HP522J is suitable for food contact.

General Information			
Features	Good Processability		
	Good Stretchability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Medium Flow		
	Metallizable		
	Opticals		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Packaging		
	Sheet		
	Thermoformed Containers		
Processing Method	Bi-axially Oriented Film		
	Coextruded Film		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	69		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1370	MPa	ISO 527-2/1
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	11	%	

Break	550	%	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A50

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