

Jampilen HP593H

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP593H is a new generation polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). The product is primarily designed for high speed BOPP lines and is characterised by its very broad processing window, easy film stretchability, good opticals and outstanding film thickness profile. Jampilen HP593H is suitable for metallizable film, both as monolayer and in coextruded structures. It contains a special formulation. Jampilen HP593H is free of any slip, antiblock agents, Irgafos 168 and Calcium Stearate. Typical applications are BOPP packaging films. Jampilen HP593H is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Stretchability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Metallizable		
	Opticals		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
Processing Method	Bi-axially Oriented Film		
	Coextruded Film		
	Film Extrusion		
	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)	2.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	71		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	11	%	
Break	410	%	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa, Unannealed)	93.0	°C	ISO 75-2/B
Vicat Softening Temperature	152	°C	ISO 306/A50

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