Jampilen HP528H

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP528H is a homopolymer designed for the manufacture of coextruded biaxially oriented polypropylene (BOPP) films. The product is used for the core of the coextruded film structure with a low seal temperature random copolymer (Jampilen terpolymers) in the outside layers. Jampilen HP528H has been designed to provide a very stable extrusion on stenter lines and to render excellent thickness control, increased drawability and readiness to a two way orientation. The product contains a reinforced processing stabilization and a package of slip and antistatic agents but does not contain antiblocking agents. BOPP films produced with Jampilen HP528? feature good mechanical properties, high impact strength and puncture resistance, even at low temperatures. The films form an excellent barrier against moisture, odours, oils, fats and oxygen and feature high transparency, high gloss and good printability after corona treatment. Jampilen HP528H is suitable for food contact.

General Information	
Additive	Antistatic
	Processing Stabilizer
	Slip
Features	Antistatic
	Barrier Resin
	Excellent Printability
	Flavor & Aroma Barrier
	Food Contact Acceptable
	Good Drawdown
	Good Processing Stability
	High Clarity
	High Gloss
	High Impact Resistance
	Homopolymer
	Low Temperature Heat Sealability
	Moisture Barrier
	Oil Resistant
	Oxygen Barrier
	Puncture Resistant
	Slip
Uses	Bi-axially Oriented Film
	Film
	Food Packaging
	Thin-walled Packaging
Processing Method	Bi-axially Oriented Film

Physical	Nominal Value	Unit	Test Method

Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	60	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	94.0	°C	ASTM D648
Vicat Softening Temperature	154	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	500	hr	ASTM D3012
NOTE			
1.	Loading 1 (10 N)		

Recommended distributors for this material

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WECHAT