Jampilen HP422H

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP422H is a modified homopolymer designed for the very high speed production of BOPP films, wherein an outstanding extrusion stability, thickness variation control, a very high drawability and readiness to a two way orientation would be achieved. The product contains a reinforced processing stabilization and features low water carry-over properties. Jampilen HP422H does not contain any slip or antistatic agent and is Calcium Stearate free. The Product is particularly suitable for metalizing film. BOPP films produced with Jampilen HP422H feature good mechanical properties, even at low temperatures, excellent barrier against moisture, odours, oils and oxygen and good transparency and gloss. Monolayer or coextruded films made of Jampilen HP422H with a thickness ranging from 20 to 40 µm are used for the packaging of foodstuffs, cosmetics and videocassettes.

General Information	
Additive	Processing Stabilizer
Features	Barrier Resin
	Fast Molding Cycle
	Flavor & Aroma Barrier
	Good Drawdown
	Good Processing Stability
	High Clarity
	High Gloss
	High Impact Resistance
	Homopolymer
	Low Water Carryover
	Metallizable
	Moisture Barrier
	Oil Resistant
	Oxygen Barrier
	Puncture Resistant
Uses	Bi-axially Oriented Film
	Cosmetic Packaging
	Food Packaging
	Kitchenware
	Masterbatch
	Media Packaging
	Thin-walled Packaging
	Toys
Processing Method	Bi-axially Oriented Film
	Film Extrusion

Physical	Nominal Value	Unit	Test Method

Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1550	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)	92.0	°C	ASTM D648
Vicat Softening Temperature	154	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	500	hr	ASTM D3012
Optical	**Nominal Value**	**Unit**	**Test Method**
Haze (20.0 µm)	0.50	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

Recommended distributors for this material

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WECHAT