

Jampilen HP525J

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP525J is a medium flow homopolymer with bimodal molecular weight distribution and good clarity intended for BOPP films. The product is suitable for metallizable film, both as monolayer and in coextruded structures. It contains a standard processing stabilisation but does not contain any slip, antiblocking agents and is Calcium Stearate free. Jampilen HP525J offers good optical properties, easy processing and very stable film profile. Typical applications are BOPP packaging films and Solid Phase Thermoforming sheets. Jampilen HP525J is suitable for food contact.

General Information			
Features	Bimodal Molecular Weight Distribution		
	Food Contact Acceptable		
	Good Processability		
	Good Processing Stability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Medium Flow		
	Metallizable		
	Opticals		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Laminates		
	Medical Packaging		
	Thermoformed Containers		
Processing Method	Bi-axially Oriented Film		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	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	1550	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	55	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	156	°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)		

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