

# Jampilen HP524J

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen HP524J is a medium flow homopolymer with bimodal molecular weight distribution and good clarity intended for the manufacture of BOPP films. Jampilen HP524J gives reliable and consistent processing on BOPP stenter lines, providing films having high transparency and gloss with a good balance of film properties. It contains a general purpose formulation of additives. The BOPP films obtained from this grade can be used for high quality packaging and laminates. Jampilen HP524J is suitable for food contact.

General Information			
Additive	Unspecified Additive		
Features	Bimodal Molecular Weight Distribution		
	Food Contact Acceptable		
	Good Processability		
	High Clarity		
	High Gloss		
	Homopolymer		
	Medium Flow		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	Laminates		
	Medical Packaging		
Processing Method	Bi-axially Oriented Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	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 <sup>1</sup>

Accelerated Oven Ageing (150°C)	500	hr	ASTM D3012
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NOTE
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1.	Loading 1 (10 N)
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