

# Jampilen HP529J

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen HP529J is a polypropylene homopolymer designed for the manufacture of BOPP film on stenter lines. Jampilen HP529J is approved for food contact and medical applications.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Homopolymer		
Uses	Bi-axially Oriented Film		
	Film		
	Food Packaging		
	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)	2.6	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)	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
NOTE			
1.	Loading 1 (10 N)		

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