

# Jampilen HP525J

## Homopolymer

### Description:

"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.

### Processing Method:

BOPP Film  
Thermoforming

### Features:

Medium Flow  
Good processability  
Good Transparency and Gloss  
Homopolymer

### Typical Applications:

High quality packaging film for food  
Lamination to other films  
Metalizing Film  
Medical packaging  
Thermoformed food containers

### Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16kg)	3.0	g/10min	ASTM D1238
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	55	J/m	ASTM D256
Rockwell Hardness	105	R Scale	ASTM D785
<b>Thermal</b>			
Vicat softening point (10N)	156	°C	ASTM D1525
H.D.T. (0.46 Mpa)	94	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	500	hours	ASTM D3012
<b>Optical</b>			
Haze (20µm)	0.5	%	ASTM D1003