

Jampilen HP545J

Homopolymer



Description:

"Jampilen HP545J" is a medium flow homopolymer with bimodal molecular weight distribution and very good clarity with **optical brightener** that intended for BOPP films. The product is suitable for metallizable film, both as monolayer and in coextruded structures. It contains a standard processing stabilization but does not contain any slip, antiblocking agents and is calcium stearate free.

"Jampilen HP545J" offers very good optical properties, easy processing and very stable film profile. Typical applications are BOPP packaging films and Solid Phase Thermoforming sheets.

"Jampilen HP545J" is suitable for food contact.

Processing Method:

BOPP Film
Thermoforming

Features:

Medium Flow
Good processability
Very good transparency and gloss
Homopolymer

Typical Applications:

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

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	3	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1400	MPa	ASTM D790
Tensile Strength at Yield	29	MPa	ASTM D638
Tensile Strength at Break	29	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Tensile Strain at Break	150	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	> 30	J/m	ASTM D256
Thermal			
Vicat softening point (B 120 °C/h, 10N)	152	°C	ASTM D1525
H.D.T. (0.46 MPa)	90	°C	ASTM D648
Melting Temperature (°C)	166	°C	ASTM D 4101
Accelerated oven ageing in air at 150 °C	360	Hours	ASTM D3012
Optical			
Haze (20 micron)	0.5	%	ASTM D1003
Gloss (45°)	80	...	ASTM D2457
Yellow Index	-1>	...	ASTM D1925

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