JAM Polypropylene

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
Physical			
Melt Flow Rate (230 °C, 2.16kg)	3.0	g/10min	ASTM D1238
Density	0.9	g/cm^3	ASTM D1505
Mechanical			
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
Thermal			
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
Optical			
Haze (20µm)	0.5	%	ASTM D1003

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