

Jampilen HP525J

Polypropylene Homopolymer



Product 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 metallisable film, both as a monolayer and in coextruded structures. It contains a standard processing stabilization but does not contain any slip, anti-blocking 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

Applications

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

TYPICAL PROPERTIES	UNIT	TYPICAL VALUE	TEST METHOD
PHYSICAL			
MELT FLOW RATE (230°C, 2.16 KG)	g/10min	3.0	ASTM D1238
DENSITY	g/cm ³	0.9	ASTM D1505
MECHANICAL			
FLEXURAL MODULUS	MPa	1550	ASTM D790
TENSILE STRENGTH AT YIELD	MPa	35	ASTM D638
TENSILE ELONGATION AT YIELD	%	12	ASTM D638
IZOD IMPACT STRENGTH (NOTCHED) AT 23 °C	J/M	55	ASTM D256
ROCKWELL HARDNESS	R Scale	105	ASTM D785
THERMAL			
VICAT SOFTENING POINT(10N)	°C	156	ASTM D1525
H.D.T (0.46 MPA)	°C	94	ASTM D648
ACCELERATED OVEN AGEING IN AIR AT 150°C	Hours	500	ASTM D3012
OPTICAL			
HAZE(20µM)	%	0.5	ASTM D1003

Approval

Food Certificate

Producer: Jam Polypropylene Co. (JPPC)

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