

Technical Datasheet

HP525J

1) 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 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 HP525J" offers good optical properties, easy processing and very stable film profile. Typical applications are BOPP packaging films and solid phase Thermoforming sheets. "Jampilen HP550J" is suitable for food contact.

2) Processing Method:

BOPP film, Thermoforming

3) Applications:

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

4) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (230 oC, 2.16kg)	ASTM D1238	g/10min	3.0
Density	ASTM D1505	g/cm ³	0.9
Flexural Modulus	ASTM D790	MPa	1550
Tensile Strength at Yield	ASTM D638	MPa	35
Tensile Elongation at Yield	ASTMD638	%	12
Izod Impact Strength (notched) at 23 °C	ASTM D256	J/m	55
Rockwell Hardness	ASTM D785	R Scale	105
Vicat softening point (10N)	ASTM D1525	°C	156
H.D.T. (0.46 Mpa)	ASTM D648	°C	94
Accelerated oven ageing in air at 150 °C	ASTM D3012	hours	500
Haze (20µm)	ASTM D1003	%	0.5

Address: No. 3, 12th Floor, A Block, Babak Plaza Building, Babak Ave, Baku, Azerbaijan

Tel: +994 124880752 | Email: mr.info@mrchemicalaz.com | www.mrchemicalaz.com