



Product: PolyPropylene
Grade: Homopolymer, Raffia, BOPP Film, Sheet, Fiber
Trade Name: HP525J

Typical Applications

HP525J can be used for producing High quality packaging film for food lamination to other films, Metalizing Film, Medical packaging, Thermoformed food containers.





Asia Petrochemicals LLC

TDS FOR HP525J

PRODUCT DESCRIPTION

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. HP525J typical applications are BOPP packagings films and Solid Phase Thermoforming sheets. HP525J is suitable for food contact.

Processing Method:

. BOPP Film . Thermoforming

Packing: 25 Kg plastic bag

PROPERTY	TYPICAL VALUE*	UNIT	TEST METHOD
<u>Physical</u>			
Density	0.9	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C, 2.16 kg)	3.0	g/10 min	ASTM D1238
<u>Mechanical</u>			
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
<u>Thermal</u>			
Vicat Softening Temperature (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
<u>Optical</u>			
Haze (20µm)	0.5	%	ASTM D1003

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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