



HP 525J

POLYPROPYLENE /HOMOPOLYMER /HP525J

Moplen HP525J is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). 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 it is Calcium Stearate free.

Producer:

Jam Petrochemical Compan

No	Property	Value	Units	Test Method
1	Density	0.900	g/cm ³	ISO 1183
2	Melt Flow Rate (230 °C/2.16kg)	3.0	g/10 min	ISO 1133
3	Tensile Stress at Break (50 mm/min)	23	N/mm ²	ISO 527-1, -2
4	Tensile Stress at Yield (50 mm/min)	34	N/mm ²	ISO 527-1, -2
5	Tensile Strain at Break (50 mm/min)	500<	%	ISO 527-1, -2
6	Tensile Stress at Yield (50 mm/min)	12	%	ISO 527-1, -2
7	Flexural Modulus	1450	N/mm ²	ISO 178
8	Shore hardness (Shore D)	70	-	ISO 868
9	Heat deflection temperature B (0.45 MPa) Unannealed	85	°C	ISO 75B-1, -2
10	Vicat softening temperature (A50) 50 °C/h 10N)	154	°C	ISO 306

Applications:

BOPP, Food Packaging Film, Thermoformed Food Containers.

