

Technical Data Sheet

HP 525J

Polypropylene Homopolymer

HP525j is a medium flow homopolymer with bimodal molecular weight distribution, good transparency and gloss, good clarity intended for BOPP films and thermoforming processing method.

Applications:

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

Approval: Food

Properties	Value	Units	Test Method
Melt flow rate(230° c.2.16 Kg)	3.0	gr/10 min	ASTM 01238
Vicat softening point (10 N)	156	°c	ASTM D 1525
Density	0.9	g/cm3	ASTM D 1505
H.D.T. (0.46 Mpa)	94	°c	ASTM 0 648
Flexural modulus	1550	MPa	ASTM D 790
Tensile strength at yield	35	MPa	ASTM 0 638
Elongation at yield	12	%	ASTM D 638
IZod impact strength(notched) at 23°C	55	J/m	ASTM 0256
Rockwellhardness (R Scale)	102	R-B	ASTMD 0 785
Accelerated oven ageing in air at 150 °C	500	hours	ASTMD 3012
Haze (20µm)	0.5	%	ASTM 1003