

Polypropylene HP 523J

Sub-group:

Homopolymer

Description:

HP 523J is a low fluidity homopolymer with good processability. The product is suitable for metallisable film, both as monolayer and coextruded structures. It does not contain any slip or anti-blocking agents and it is Calcium Stearate free.

Applications:

BOPP film by the plan process (stenter) with very high speed and balloon (double-bubble) for conversion, metallized film, pearlized film, adhesive tapes, labels, food packaging, etc.

Processing:

Bioriented Film (BOPP)

Control Property:

	ASTM Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	3.1

Typical Properties^a:

	ASTM Method	Units	Values
Density	D 792	g/cm ³	0.905
Flexural Modulus – 1% secant	D 790	MPa	1200
Tensile Strength at Yield	D 638	MPa	33
Tensile Elongation at Yield	D 638	%	9
Rockwell Hardness (R Scale)	D 785	-	95
Notched Izod Impact Strength at 23°C	D 256	J/m	30

a) Injection molded specimen according to ASTM D 4101.

