

HP100 Monolayer CPP Film Series

General Description

The HP100 series of monolayer CPP films are produced from homopolymer PP resins, free of slip and offer good clarity, gloss and stiffness. This film series is primarily intended for Twist Lock candy wrap and for various adhesive tape applications.

TYPICAL PHYSICAL PROPERTIES (1.0MIL FILM)

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	3.5
Gloss	45°	D2457	78
Ultimate Tensile MD TD	psi	D882	7,000 5,500
Ultimate Elongation MD TD	%	D882	550 750
Secant Modulus MD TD	psi	D882	120,000 115,000
Coefficient Of Friction	gms	D1894	>0.50
Elmendorf Tear Strength MD TD	gms	D1922	20 85
Barrier O ² (cc/100in ² /day) H ² O (gm/100in ² /day)			na na
Seal Initiation Temp. (S.I.T.)	°C		145
Yield	in ² /lb		31,000

None heat sealable film

HP102 no slip, twist lock film.

HP103 no slip, twist lock film formulated with anitstat for improved machine performance.

HP140 no slip, virgin resin grade primarily intended for tape applications.

MHP140 similar to HP140, proprietary blend for improved optics.

Regulatory Compliance

- FDA 21 CFR 177.1520 (c)
3.1a food contact only.

Typical Film Section



HP PP = Homopolymer PP