

**MCP540**  
**Performance Monolayer CPP Film Series**

**General Description**

The MCP540 series of monolayer CPP films is a virgin resin blend of a metallocene PP with a random copolymer PP. The blend offers improved optics and stiffness while maintaining much of the random copolymer strength & sideweld seal performance. While similar to the MPP201 series, this film offers somewhat different properties.

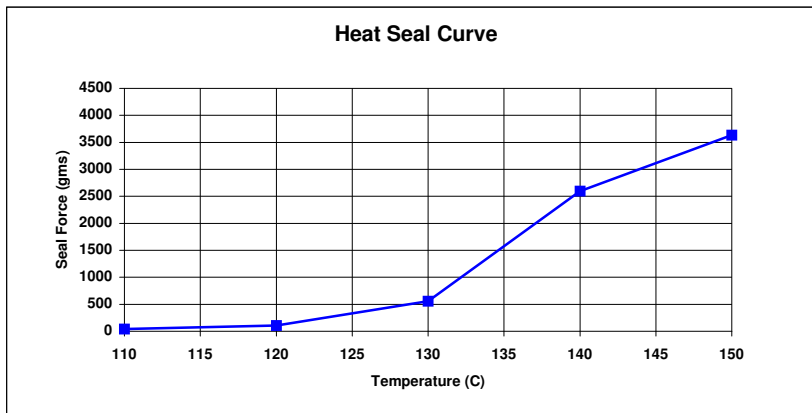
**TYPICAL PHYSICAL PROPERTIES (1.0MIL FILM)**

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	1.5
Gloss	45°	D2457	88
Ultimate Tensile MD TD	psi	D882	8,500 6,500
Ultimate Elongation MD TD	%	D882	650 700
Secant Modulus MD TD	psi	D882	95,000 100,000
Coefficient Of Friction	gms	D1894	.18 - .25
Elmendorf Tear Strength MD TD	gms	D1922	25 90
Barrier O <sup>2</sup> (cc/100in <sup>2</sup> /day) H <sup>2</sup> O (gm/100in <sup>2</sup> /day)			180 0.8
Seal Initiation Temp. (S.I.T.)	°C		135
Yield	in <sup>2</sup> /lb		30,800

**MCP540** 2-side sealable, slip & antistat modified. Intended for gel sensitive laminations & other applications requiring an extra clean film.

**Regulatory Compliance**

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



**Typical Film Section**



Blend Ratio = proprietary