

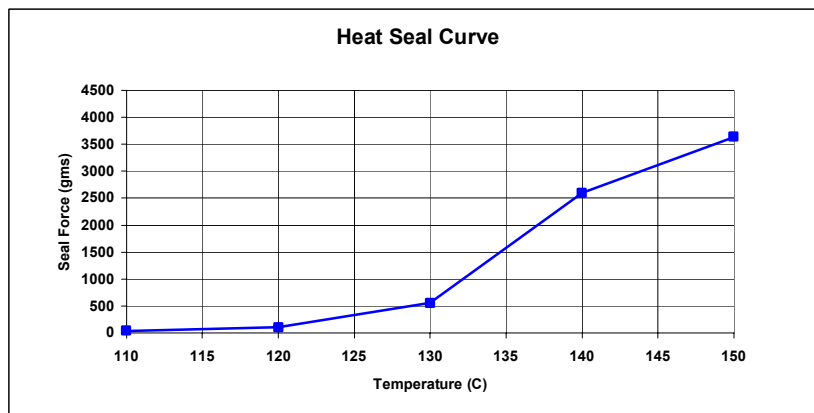
**MPP383X/X1 (Metallocene)  
Performance Coex CPP Film Series**

**General Description**

The MPP383X series of coextruded CPP films offer exceptional clarity & gloss combined with stiffness and good heat sealing performance. These materials are ideally suited for packaging applications requiring a higher modulus and antifog modification such as fresh cut produce. The X1 version is suitable for all food cooking applications.

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

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	2.0
Gloss	45°	D2457	88
Ultimate Tensile MD TD	psi	D882	9,000 7,500
Ultimate Elongation MD TD	%	D882	600 700
Secant Modulus MD TD	psi	D882	110,000 108,000
Coefficient Of Friction	gms	D1894	.18 - .45
Elmendorf Tear Strength MD TD	gms	D1922	40 100
Barrier O <sup>2</sup> (cc/100in <sup>2</sup> /day) H <sup>2</sup> O (gm/100in <sup>2</sup> /day)			260 0.6
Seal Initiation Temp. (S.I.T.)	°C		105 -120
Yield	in <sup>2</sup> /lb		30,800



**MPP383X** 2-side sealable, slip modified.

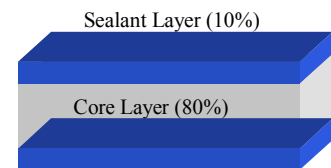
**MPP383XMT** 1-side sealable, 1-side metallizable.

**MPP383XAF** 2-side sealable, 1-side antifog modified.

**Regulatory Compliance**

- FDA 21 CFR 177.1520 (c)3.1a & (c)3.2a including food cooking applications under conditions of use A through H described in Table 2 of 21 CFR 176.170 (c) and can be used with all food types listed in Table 1 of 21 CFR 176.170 .
- USPS-T-3204 Polywrap mailer overwrap

**Typical Coex Structure**



Sealant Layer = MPP Resin

Core Layer = MPP Resin