COPOL LTD. INTERNATIONAL
Creating the Clear Advantage

Developers of Custom CPP Film Products

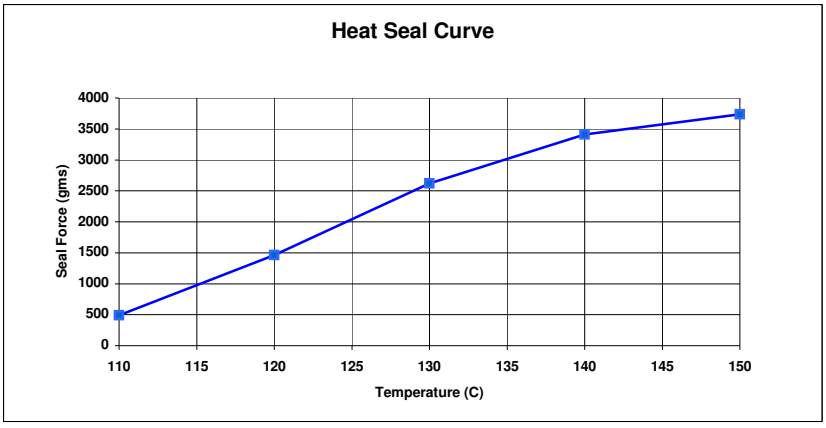
RP423BX
Performance Coextruded CPP Film Series

General Description

The RP423BX series of CPP films is a tough, 2-side sealable, coextruded film with excellent heat resistance and low temperature impact strength to -10^0C. This CPP material is formulated with slip to promote downstream processing and is primarily intended as a sealant layer in laminations for retort food pouches and frozen food packaging applications including freezer-to-microwave.

TYPICAL PHYSICAL PROPERTIES (2.5MIL FILM)

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	na
Gloss	45^0	D2457	na
Transmittance	%		43
Ultimate Tensile MD TD	psi	D882	6,800 6,300
Ultimate Elongation MD TD	%	D882	750 600
Secant Modulus MD TD	psi	D882	88,000 85,000
Coefficient Of Friction	gms	D1894	0.25
Elmendorf Tear Strength MD TD	gms	D1922	250 280
Barrier O^2 (cc/100in^2/day) H^2O (gm/100in^2/day)			na na
Seal Initiation Temp. (S.I.T.)	^{0}C		120
Yield	in^2/lb		12,320



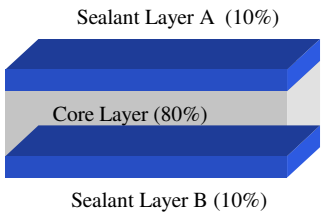
RP423BX 2-side sealable, formulated with slip.

RP423BXW White tint version

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 .

Typical Film Structure



Sealant Layer A = Low SIT PP Resin

Sealant Layer B = Low SIT PP Resin

Core Layer = HECO PP Resin + Food Grade White Additive