

**RP423B**  
**Performance Monolayer CPP Film Series**

**General Description**

The RP423B series of monolayer CPP films is a tough, 2-side sealable, high haze film with excellent heat resistance and low temperature impact strength. This CPP material is formulated without slip and is primarily intended as a sealant layer in foil lamination retort food pouches. Though exhibiting a naturally high haze, it has good contact clarity.

**TYPICAL PHYSICAL PROPERTIES (2.0MIL FILM)**

PROPERTY	Units	ASTM Test#	Typical Value
Haze	%	D1003	na
Gloss	45 <sup>0</sup>	D2457	na
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	>0.45
Elmendorf Tear Strength MD TD	gms	D1922	220 225
Barrier O <sup>2</sup> (cc/100in <sup>2</sup> /day) H <sup>2</sup> O (gm/100in <sup>2</sup> /day)			na na
Seal Initiation Temp. (S.I.T.)	°C		140
Yield	in <sup>2</sup> /lb		30,800

**RP423B** 2-side sealable, formulated without slip.

**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 Section**



Impact Copolymer = 7% ethylene  
Medium Impact Copolymer

No heat seal curve available at this time.