



## WPF-50CL Bi-axially Oriented Polypropylene (B.O.P.P.)

### FEATURES

- outstanding clarity, low haze
- excellent glue adhesion
- very strong film
- very good stiffness
- approved for direct food contact

**DESCRIPTION:** WPF-50CL is a co-extruded, non-heat sealable, bi-axially oriented film that is available one or two side treated. Rolls are wound high treatment side out, unless otherwise specified or requested.

**APPLICATIONS:** Window Patch Film for Baked goods, chocolates, cosmetics, pasta.

**FDA APPROVAL :** for direct or indirect food contact as covered in particular under chapter 21. section 177.1520 and section 178.3130.

**NOTE :** When BOPP film is used on printed window cartons, one must be aware that some printing inks contain gases which will attack or distort the BOPP film. Proper testing must be carried out.

### PHYSICAL PROPERTIES:

<u>Property</u>	<u>Units</u>	<u>Testing Method</u>	<u>.0012</u>	<u>.002</u>
Gauge	mil		.0012	.002
Yield	in.sq./lb.		24,000	15,000
Shrinkage	%		MD 6-8	MD 4-5
(5 min @ 270°F)			TD 3-4	TD 1.5-2
Modules	PSI	ASTM D882-80	MD 17,500 TD 38,400	15,000 32,000
Co Efficient of Friction	Kinetic	ASTM D1894	.35	.35
Haze	%	ASTM D1003-61	1.7-3.0	1.7-3.0
Density	g/cm <sup>3</sup>		.90	.90

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