

# THE PLATINUM PACKAGING GROUP

## CX 100 OPAQUE / PEARLIZED

Coextruded three layer BOPP film. The film one side corona treated, and both side heat sealable white pearlised BOPP film suitable for printing and Lamination. This film grade complies with FDA and EC regulations for food packaging applications.

### APPLICATION

Printing and Lamination

### FEATURES

- Brilliant pearlescent white appearance.
- High gloss, high energy treatment for flexo/gravure printing.
- Excellent surface treatment retention.
- Excellent processability on high speed machines and good barrier properties.

Properties	Test Method	Typical Values					
<b>PHYSICAL</b>							
Thickness	micron	25	30	35	38	40	45
Yield	m <sup>2</sup> /Kg	57.1	47.6	40.8	37.6	35.7	31.7
	msi/lb	40.16	33.47	28.69	26.44	25.11	22.29
<b>SURFACE</b>							
Surface tension	ASTM D 2578 (dynes/cm)	38	38	38	38	38	38
Transmittance (Max)	ASTM D 1003 (%)	44	36	34	34	32	30
Opacity (min)	CIE	70	70	75	75	75	80
Gloss	ASTM D 2457	50	50	50	50	50	50
<b>MECHANICAL</b>							
Coefficient of Friction (Max)	ASTM D 1894 (Kinetic)	0.45	0.45	0.45	0.45	0.45	0.45
Tensile Strength (min)	ASTM D 882 (psi)	MD	9500	9500	9500	9500	9500
		TD	19500	19500	19500	19500	19500
Elongation	ASTM D 882 (%)	MD	200	200	200	200	200
		TD	80	80	80	80	80
<b>THERMAL</b>							
Shrinkage (Max) At 120°C / 5 min	Internal (%)	MD	4	4	4	4	4
		TD	2	2	2	2	2
Seal Initiation Temperature (Max) @2 Bar pressure, 1s dwell time	Internal (°F)	244	244	244	248	248	248
Seal Strength (min), @120°C, 2 Bar pressure, 1s dwell time	Internal gm/25mm	350	350	400	400	450	450
<b>BARRIER</b>							
Water Vapor Transmission rate (max)	ASTM E 398 gm/m <sup>2</sup> /24hr	6	5	4	3.5	3	2.5
Oxygen Transmission rate (max)	ASTM D 3985 cc/m <sup>2</sup> /24hr	1750	1650	1550	1400	1250	1100

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