

## N2C

### BOPP FILMS

#### NORMAL MATT FOR COLD SEAL CONVERSION



#### DESCRIPTION

OPP N2C is transparent both side matt finish **BOPP** film for cold seal applications. It is one side corona treated matt surface and other side is untreated matt surface which provides matte aesthetics as well as release characteristics from cold seal adhesives. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal.

#### PRODUCT FEATURES

- Cold seal release characteristics on untreated matte surface
- Matte appearance and differentiated shelf appeal.
- Good performance on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Non toxic suitable for food contact applications

#### APPLICATIONS

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips/snacks/pasta
- Health and beauty care

	PROPERTIES	POSITION	20N2C	25N2C	UNIT	METHOD
GENERAL	Nominal Thickness	-	20	25	μ	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
	Grammage	-	18.2	22.75	g/m <sup>2</sup>	Internal Method
	Yield	-	54.9	44.0	m <sup>2</sup> /kg	Internal Method
SURFACE OPTICAL	Haze	-	35	35	%	ASTM D 1003
	Dynamic COF	Film/Film	0.20	0.20	-	ASTM D 1894
	Wetting Tension	-	38*	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1100	1100	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2500	2500		
	Elongation (at break)	- MD	190	190	%	ASTM D 882
		- TD	60	60		
THERMAL	Elastic Modulus	- MD	18000	18000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	28000	28000		
	Linear Shrinkage (max)	- MD	4	4	%	ASTM D 1204
		- TD	2	2		

\* 38 dyne/cm guaranteed for 6 months from the invoice date in controlled ambient condition as mentioned in storage guidelines.

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

### GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use.

### FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

### SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

### CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing