

H1C-N

BOPP FILMS

HIGH MATT FOR COLD SEAL CONVERSION



Matt Release Surface - Untreated

OPP Core

Corona Treated Glossy Surface



AVAILABLE
CALIPERS

DESCRIPTION

H1C-N is transparent one side matt finish **BOPP** film for cold seal applications. It is one side corona treated glossy surface & other side is untreated matte surface which provides matte aesthetics as well as release characteristics. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal.

PRODUCT FEATURES

- Cold seal release characteristics on matte surface
- Matte appearance and differentiated shelf appeal.
- Dust, water & oil resistant on matte surface
- Good printability and suitable for lamination with other substrates
- Good performance on HFFS & VFFS machines
- 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	15H1C-N	18H1C-N	25H1C-N	UNIT	METHOD
GENERAL	Nominal Thickness	-	15	18	25	μ	Internal Method
	Density	-	0.91	0.91	0.91	g/cc	Internal Method
	Grammage	-	13.65	16.38	22.75	g/m ²	Internal Method
	Yield	-	73	61	44	m ² /kg	Internal Method
SURFACE OPTICAL	Haze	-	75	75	75	%	ASTM D 1003
	Dynamic COF	Film/Film	0.20	0.20	0.20	-	ASTM D 1894
	Wetting Tension	-	38*	38*	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1200	1200	1200	kg/cm ²	ASTM D 882
		- TD	2500	2500	2500		
	Elongation (at break)	- MD	190	190	190	%	ASTM D 882
		- TD	60	60	60		
	Elastic Modulus	- MD	18000	18000	18000	kg/cm ²	ASTM D 882
		- TD	28000	28000	28000		
THERMAL	Linear Shrinkage (max)	- MD	4	4	4	%	ASTM D 1204
		- TD	2	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 comply 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