

## 25SM2CTO

BOPP FILMS

### SILK MATT FOR COLD SEAL CONVERSION



Corona Treated Silk Matt Surface

OPP Core

Untreated Silk Matt Release Surface



AVAILABLE  
CALIPERS

### DESCRIPTION

OPP 25SM2CTO is transparent silk matt **BOPP** film having one side corona treated silk matt surface and other side untreated silk matt surface for cold seal applications. It is one side corona treated matt surface and other side is untreated Silk matt surface which provides satin matt aesthetics as well as release characteristics from cold seal adhesives. 25SM2C-TO is an excellent matte finish film, the paper like appearance provides a differentiated shelf appeal with a satiny appearance when reverse printed.

### PRODUCT FEATURES

- Silk/Satin matt appearance & feel
- Cold seal release characteristics on untreated matte surface
- Low static
- 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
- Dairy Products

### APPLICATIONS

- 25SM2CTI - Corona treated silk matt Inside & Untreated silk matt Outside
- 25SM2CTO - Corona treated silk matt Outside & Untreated silk matt Inside

## TOPPAN SPECIALITY FILMS

	PROPERTIES	POSITION	25SM2CTO	UNIT	METHOD
GENERAL	Nominal Thickness	-	25	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	22.75	g/m <sup>2</sup>	Internal Method
	Yield	-	44.0	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	55	%	ASTM D 1003
SURFACE	Dynamic COF	Film/Film	0.20	-	ASTM D 1894
	Wetting Tension	-	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1100	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2300		
	Elongation (at break)	- MD	190	%	ASTM D 882
		- TD	60		
	Elastic Modulus	- MD	16000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	28000		
THERMAL	Linear Shrinkage (max)	- MD	4	%	ASTM D 1204
		- TD	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