

## PROVISIONAL

**COT19HRO**

BOPP FILMS

TRANSPARENT ONE SIDE COATED HEAT RESISTANT BOPP FILM, OTHER SIDE CORONA TREATED FOR CONVERSION



Heat Resistant Coated Surface  
Multilayer Transprent OPP Film  
Corona Treated Surface



AVAILABLE  
CALIPERS

**DESCRIPTION**

COTHRO is Transparent Outside heat resistant coated **BOPP** film with good heat resistant characteristics. Its specially coated surface helps to endure heat and shrinking during pack sealing.

**PRODUCT FEATURES**

- Endurance to heat and shrinking during sealing
- Easy Jaw release
- Good wetting tension for printing and lamination
- Suitable for food contact applications
- Outstanding clarity and gloss

**APPLICATIONS**

Can be used as outside web of laminates

- Bakery (Biscuits/cookie/crackers)
- Confectionery(chocolates/gum/sugar)
- Chips/tea/coffee/pasta
- Soaps and detergents
- Miscellaneous industrial and house hold applications

**COATING SIDE**

COTHRO - Heat resistant coating Outside

COTHRI - Heat resistant coating Inside

## PROVISIONAL

	PROPERTIES	POSITION	COT19HRO	UNIT	METHOD
GENERAL	Nominal Thickness	-	19	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	17.88	g/m <sup>2</sup>	Internal Method
	Yield	-	55.9	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	COF	Coated/ coated	0.25	-	ASTM D 1894
		Coated/Metal	0.20	-	ASTM D 1894
	Wetting tension	Treated side	38*	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1200	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2600		
	Elongation (at break)	- MD	190	%	ASTM D 882
		- TD	60		
THERMAL	Elastic Modulus	- MD	18000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	30000		
	Linear Shrinkage	- MD	3	%	ASTM D 1204
		- TD	1		

\* 36 dyne/cm guaranteed for 3 months from the invoice date in controlled ambient condition as per below 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 with three months of receipt. Coated films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

#### FOOD CONTACT

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

#### SAFETY

Compliance with industrial health and safety standards. Coated 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 except for wetting tension
- Coated reels must not be stacked.