

COT18TOIH

BOPP FILMS

COATED TRANSPARENT BOPP, CORONA TREATED OUTSIDE, INSIDE FOR DIRECT SOFT EMBOSsing/HOLOGRAPHY



Direct Soft Embossable Surface

OPP Core

Corona treated Surface



AVAILABLE
CALIPERS

DESCRIPTION

COT18TOIH is coated transparent **BOPP**; one side is for direct soft embossing/Holography applications without doing any Primer and coating before embossing process. other side film surface is corona treated non-heatsealable for printability/lamination with other substrate. COT18TOIH gives brilliant prismatic effect for holographic applications.

PRODUCT FEATURES

- Direct Soft embossable surface
- Outstanding optical properties (high gloss, exceptional clarity and low haze)
- Good Treatment retention
- Excellent Mechanical Properties

APPLICATIONS

Coated film for holographic applications for

- Brand protection
- Attractive packaging
- Security (almost impossible to counterfeit)

NOMENCLATURE

COT18TIOH - Corona treated surface inside and other side is direct soft embossable surface

COT18TOIH - Corona treated surface outside and other side is direct soft embossable surface

	PROPERTIES	POSITION	COT18TOIH	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	16.38	g/m ²	Internal Method
	Yield	-	61.1	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	COF (Dynamic)	Film/Film	0.40	-	ASTM D 1894
	Wetting tension	-	38	-	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1100 2600	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	180 60	%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 28000	kg/cm ²	ASTM D 882
	Linear Shrinkage	- MD - TD	5 2	% %	ASTM D 1204

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