

PROVISIONAL

T18TOUL-PCR50

TRANSPARENT NON HEAT SEALABLE CORONA TREATED ONE SIDE BOPP FILM FOR CONVERSION (SHAMPOO GRADE)



Corona treated surface
Tie Layer
OPP core layer (PCR Content)
Tie Layer
Untreated surface



AVAILABLE
CALIPERS

DESCRIPTION

T18OUL-PCR50 is transparent high gloss non-heat sealable one side corona treated **BOPP** film. This film is specially designed for printing and lamination process. Both Skin layers are formulated to provide excellent anti-blocking, Corona treated layer is carefully formulated to provide good ink anchoring without any powder deposition/accumulation. It contains 50% Post Consumer Recycle (PCR) material.

PRODUCT FEATURES

- It contains 50% POST CONSUMER RECYCLE (PCR) material
- Outstanding clarity & Gloss
- Can be laminated with other substrates
- Printable / Glueable
- Robust machinability
- Low static & good COF
- Excellent wetting tension
- Suitable for food contact application

APPLICATIONS

To be used as reverse printed top layer of shampoo laminates or can also be used as outside web of laminates for;

- Chips/ Tea/ Coffee/ Pasta/ Noodles
- Confectionary (Chocolate/ Gum/ Sugar)
- Bakery (Biscuits/ Cookie/ Crackers)
- Miscellaneous industrial and house hold applications

NOMENCLATURE

T18TIUL-PCR50... Wetting tension surface Inside, Untreated surface Outside
T18TOUL-PCR50... Wetting tension surface Outside, Untreated surface Inside

TOPPAN SPECIALITY FILMS

PROVISIONAL

	PROPERTIES	POSITION	T18TOUL-PCR50	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	16.38	g/m ²	Internal Method
	Yield	-	61.05	m ² /kg	Internal Method
OPTICAL	Haze	-	2.0	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	Dynamic COF	Film / Film	0.30	-	Internal Method
		Film / Metal	0.25	-	Internal Method
	Wetting Tension	-	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD	1300	kg/cm ²	ASTM D 882
		-TD	2700		
	Elongation (at break)	-MD	180	%	ASTM D 882
		-TD	60		
	Elastic Modulus	-MD	18000	kg/cm ²	ASTM D 882
		-TD	32000		
THERMAL	Thermal Shrinkage	MD	5	%	ASTM D 1204
		TD	3		
BARRIER	WVTR (38°C,90% rh)	-	8	g/m ² /day	ASTM F 1249
	OXTR (23°C,0% rh)	-	3000	cc/m ² /day	ASTM D 3985

* 38 dyne/cm guaranteed for 4 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 except wetting tension