

PROVISIONAL

## TDS18TOHCFA-PCR50

TRANSPARENT HEAT SEALABLE, ONE SIDE CORONA TREATED & OTHER SIDE VERY LOW SIT, HIGH HOT TACK STRENGTH & SEAL STRENGTH, HIGH CO-EFFICIENT OF FRICTION BOPP FILM FOR CONVERSION



Corona treated Heat Seal layer  
 OPP Tie Layer  
 OPP Core (PCR Content)  
 OPP Tie Layer  
 Untreated High COF, Heat Seal layer



AVAILABLE  
CALIPERS

### DESCRIPTION

TDS18TOHCFA-PCR50 is transparent co-extruded both side heat-sealable **BOPP** film. It is one side corona treated & both side heat sealable. Untreated heat-seal surface is specifically designed to provide High Co-efficient of friction to provide anti-skid properties. Untreated surface is also having High Hot-Tack Strength & Seal strength properties. It contains 50% Post Consumer Recycle (PCR) material.

### PRODUCT FEATURES

- It contains 50% POST CONSUMER RECYCLE (PCR) material
- Special High COF at untreated surface to facilitate anti-skid during stacking
- Good printability and lamination bond with other substrates
- Good Optical properties
- Good Stiffness and Mechanical Properties
- Non-toxic suitable for food contact application
- Film is suitable for Solvent Flexographic and Solvent Rotogravure printing and should work for water base Flexo printing as well on a standard press

### APPLICATIONS

Outside print web typically laminated to woven PP for use in multi-wall bags for food and Industrial products;

- PET food bags
- Rice bags
- Bulk tea bags
- Bulk packaging bags

### NOMENCLATURE

TDS18TIHCFA-PCR50... Wetting tension surface Inside, Heat-sealable Antiskid surface Outside  
 TDS18TOHCFA-PCR50... Wetting tension surface Outside, Heat-sealable Antiskid surface Inside

**TOPPAN SPECIALITY FILMS**

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	PROPERTIES	POSITION	TDS18TOHCFA-PCR50	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	17.5	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	15.9	g/m <sup>2</sup>	Internal Method
	Yield	-	62.8	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.70	-	Internal Method
	Wetting Tension	-	38	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1250 2600	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD	200 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	16000 30000	kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Linear Shrinkage (max)	- -	4 2	%	ASTM D 1204
	Heat Seal Range	-	90-145	°C	Internal Method
	Heat Seal Strength	-	400	g/25mm	Internal Method (135°C/1sec/30psi)
BARRIER	WVTR (38°C,90% rh)	-	7.2	gm/m <sup>2</sup> /day	ASTM F 1249

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