

PROVISIONAL

TS15TIESPL-PCR30

TRANSPARENT HEAT SEALABLE WITH LOW INITIATION TEMPERATURE
AND CORONA TREATED ONE SIDE FOR CONVERSION



Corona treated Heat Seal layer
OPP Tie Layer
Modified OPP Core (PCR Content)
OPP Tie Layer
Untreated Low SIT Heat Seal layer



AVAILABLE
CALIPERS

DESCRIPTION

TS15TIESPL-PCR30 is transparent co-extruded both side heat-sealable **BOPP** film with Low Initiation Temperature on one side and corona treated on other side. Untreated heat-seal surface have good seal strength on low Initiation temperature and broad sealing range which gives optimum performance on wide range of packaging machines. It contains 30% Post Consumer Recycle (PCR) material.

PRODUCT FEATURES

- It contains 30% POST CONSUMER RECYCLE (PCR) material
- Good Sealing Properties
- Good printability and lamination bond with other substrates
- Good Optical properties
- Good Stiffness and Mechanical Properties
- Good performance on HFFS & VFFS machines

APPLICATIONS

Can be used as a single web or in laminate structures;

- Confectionary (Chocolate / Gum / Sugar)
- Bakery (Biscuits / Cookie / Crackers)
- Health care & Beauty care
- Household and detergents
- Chips / Snacks / Pasta

NOMENCLATURE

TS15TIESPL-PCR30... Wetting tension surface Inside, Heat sealable untreated surface Outside
TS15TOESPL-PCR30... Wetting tension surface Outside, Heat sealable untreated surface Inside

TOPPAN SPECIALITY FILMS

PROVISIONAL

	PROPERTIES	POSITION	TS15TIESPL-PCR30	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	15	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	13.7	g/m ²	Internal Method
	Yield	-	73.3	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	95	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.30	-	Internal Method
	Wetting Tension	-	38	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1300 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	200 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 32000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	- -	4 2	%	ASTM D 1204
	Heat Seal Range	-	105-145	°C	Internal Method
	Heat Seal Strength	-	350	g/25mm	Internal Method (130°C/1sec/30psi)
BARRIER	WVTR (38°C,90% rh)	-	8.5	gm/m ² /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