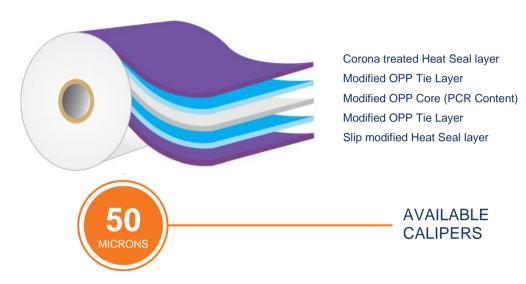
TS50PRN-IPCR30

TRANSPARENT HEAT SEALABLE 50 MICRON BOPP FILM PRINTABLE GRADE FOR OVERWRAP APPLICATIONS - INSIDE PRINTABLE



DESCRIPTION

TS50PRN-IPCR30 is transparent co-extruded both side heat sealable **BOPP** film. It is one side corona treated and both side heat sealable. It is specially designed for printed overwrapping applications where Machinability is a key factor. It contains 30% Post Consumer Recycle (PCR) material.

PRODUCT FEATURES

- It contains 30% POST CONSUMER RECYCLE (PCR) material
- Good Sealing Properties
- Good Anti-static & slip property
- Good Optical properties
- Good Stiffness and Mechanical Properties
- Good performance on HFFS & VFFS machines

APPLICATIONS

For Bundle Overwrap and other printable Overwrap (Non Shrink);

- Confectionary (chocolate/gum/sugar)
- Bakery (Biscuits/cookie/crackers)
- Health care & Beauty care
- Household and detergents

NOMENCLATURE

TS50PRN-IPCR30... Wetting tension surface Inside, Heat sealable untreated surface Outside TS50PRN-OPCR30... Wetting tension surface Outside, Heat sealable untreated surface Inside

TOPPAN

PROVISIONAL

	PROPERTIES	POSITION	TS50PRN-IPCR30	UNITS	TEST METHOD
GENERAL	Nominal Thickness Density GSM Yield	-	50 0.91 45.5 22.0	μ g/cc g/m ² m ² /kg	Internal Method Internal Method Internal Method Internal Method
OPTICAL	Haze Gloss	-	3.5 90	% GU	ASTM D 1003 ASTM D 2457
SURFACE	Dynamic COF Wetting Tension	Film/Film Film/Metal -	0.30 0.25 38	- - dynes/cm	Internal Method Internal Method ASTM D 2578
THERMAL MECHANICAL	Tensile Strength (at break) Elongation (at break)	-MD -TD -MD -TD	1300 2700 200 60	kg/cm²	ASTM D 882 ASTM D 882
	Elastic Modulus Linear Shrinkage	-MD -TD -	18000 32000 4	kg/cm²	ASTM D 882 ASTM D 1204
	(max) Heat Seal Range Heat Seal Strength	- - -	2 115-145 450	°C g/25mm	Internal Method Internal Method (130°C/1sec/30psi)
BARRIER	WVTR (38°C,90% rh)	-	4	g/m²/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

ECHNICAL DATA SHEET

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

TOPPAN SPECIALITY FILMS