

WDS30TI

BOPP FILMS

WHITE OPAQUE LOW HEAT SEAL TEMPERATURE HIGH HOT-TACK HIGH SEAL STRENGTH
CORONA TREATED ONE SIDE FOR HIGH SPEED PACKAGING



Corona Treated Heat Seal Layer
White Pigmented OPP Core
Low Heat Seal Layer



AVAILABLE
CALIPERS

DESCRIPTION

OPP WDS is solid white both side sealable one side corona treated **BOPP** film, untreated side is having low seal initiation temperature (SIT ~ 101°C). Especially designed for high speed packaging where its wide seal operating window can be used on high speed VFFS & HFFS machines.

PRODUCT FEATURES

- Wide sealing range with low seal initiation temperature (SIT ~ 101°C)
- Solid white appearance
- Good stiffness and mechanical properties
- Total forgiving on HFFS & VFFS machines
- Good moisture and light barrier
- Suitable for food contact applications
- Outstanding opacity and whiteness
- Excellent sealing properties in term of strength, hot-tack and integrity
- Lap sealable

APPLICATIONS

Can be used as unsupported or as a part of laminate structure.

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Frozen food
- Dry foods and beverage powders
- Health and beauty care
- Household and detergents

TOPPAN SPECIALITY FILMS

	PROPERTIES	POSITION	WDS30TI	UNIT	METHOD
GENERAL	Nominal Thickness	-	30	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	27.3	g/m ²	Internal Method
	Yield	-	36.6	m ² /kg	Internal Method
SURFACE OPTICAL	Transmittance	-	27	%	ASTM D 1003
	Gloss	-	60	GU	ASTM D 2457
	Dynamic COF	Film/Film	0.30-0.40	-	ASTM D 1894
	Wetting Tension	-	38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1000 2000	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	180 60	%	ASTM D 882
	Elastic Modulus	- MD - TD	16000 28000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	- MD - TD	4 2	%	ASTM D 1204
	Heat Seal Range	-	101-145	°C	Internal Method
	Heat Seal Strength (Min.)	-	500	g/25mm	Internal Method (130°C/1sec/30psi)

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