

PROVISIONAL

PS38TOVSPLHB1

WHITE CAVITATED CORONA TREATED OUTSIDE & OTHER SIDE LOW SIT, GOOD HEAT SEAL STRENGTH AND HOT TACK STRENGTH BOPP FILM FOR VACCUM METALLIZATION



Corona Treated Surface for Vacuum Metallization
Tie Layer
White Cavitaded OPP Core
Tie Layer
Untreated Heat seal Layer



AVAILABLE
CALIPERS

DESCRIPTION

PS38TOVSPLHB1 is white cavitaded **BOPP** film, which is one side corona treated for Vacuum metallization & other side untreated sealable surface. This product is specially modified and designed to provide good barrier to moisture and oxygen after metallization.

PRODUCT FEATURES

- Good sealing range with low seal initiation temperature (SIT ~ 105°C)
- Better sealing properties in term of strength, hot-tack and integrity
- Outstanding Opacity & light barrier
- Easy convertibility with Extrusion as well as Adhesive

APPLICATIONS

Base film for Vacuum metallization

NOMENCLATURE

PS38TOVSPLHB1... Corona treated Surface Outside, Untreated Heat Seal Surface Inside
PS38TOVSPLHB1... Corona treated Surface Outside, Untreated Heat Seal Surface Inside

PROVISIONAL

	PROPERTIES	POSITION	PS38TOVSPLHB1	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	38	μ	Internal Method
	Density	-	0.75	g/cc	Internal Method
	GSM	-	28.5	g/m ²	Internal Method
	Yield	-	35.1	m ² /kg	Internal Method
OPTICAL	Transmittance	-	25	%	ASTM D 1003
	Gloss	-	90	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	800 1500	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	180 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	11000 18000	kg/cm ²	ASTM D 882
THERMAL	Thermal Shrinkage	MD TD	4 2	%	ASTM D 1204
	SIT	-	105	°C	Internal Method
	Heat Seal Strength	-	500	gm/25mm	Internal Method

* 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 for corona treated layer surface tension.