

PROVISIONAL

TS15TIVF

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE FOR METALLIZATION



Corona treated metallizable surface

Tie Layer

OPP Modified Core Layer

Tie Layer

Untreated heat sealable surface



AVAILABLE
CALIPERS

DESCRIPTION

TS15TIVF is transparent co-extruded heat sealable **BOPP** film for metallization. It is one side corona treated mainly for metallization and other side untreated heat seal surface have good seal strength and sealing range which gives optimum performance on wide range of packaging machines.

PRODUCT FEATURES

- Good Sealing properties
- Good performance on HFFS & VFFS machines
- Better treatment retention for good metal bond strength
- Good optical properties
- Good stiffness & mechanical properties

APPLICATIONS

- Base film for Metallization

NOMENCLATURE

TS15TIVF - Corona treated metallizable surface inside, untreated sealable surface outside

TS15TOVF - Corona treated metallizable surface outside, untreated sealable surface inside

PROVISIONAL

	PROPERTIES	POSITION	TS15T1VF	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	15	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	13.65	g/m ²	Internal Method
	Yield	-	73.3	m ² /kg	Internal Method
OPTICAL	Haze	-	2.5	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.40	-	Internal Method
	Wetting Tension	Both side	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1300 2800	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	210 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	18000 28000	kg/cm ²	ASTM D 882
	Linear Shrinkage	-MD -TD	4 2	%	ASTM D 1204
THERMAL	Seal Initiation Temp.	-	115	-	Internal Method
	Heat Seal Strength	-	350	-	Internal Method

* 38 dyne/cm guaranteed for 4 months from the invoice date in controlled ambient condition as per below 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 comply 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 wetting tension