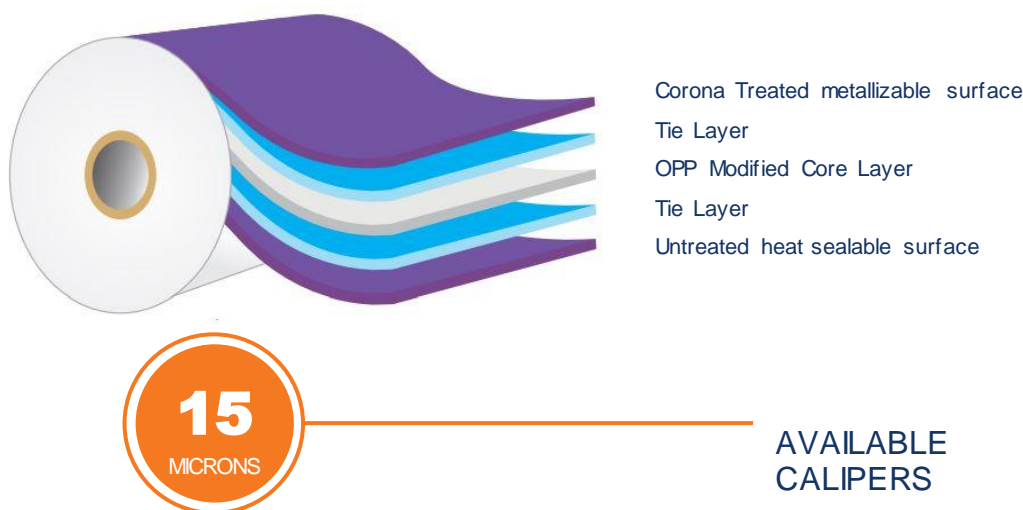


PROVISIONAL

## TDQF15TIVOB1

TRANSPARENT ONE SIDE HEAT SEALABLE VERY LOW SEAL INITIATION TEMPERATURE WITH HIGH SEAL STRENGTH & OTHER SIDE CORONA TREATED BOPP BASE FILM FOR METALLIZATION



### DESCRIPTION

TDQMF15TIVOB1 is transparent BOPP film. This film is one side corona treated for metallize purpose & other side is untreated surface with Ultra low seal initiation temperature and broad seal range with high seal strength. Especially designed for high speed packaging where its wide seal operating window can be used on high speed machines.

### PRODUCT FEATURES

- Wide sealing range with Ultra low seal initiation temperature (SIT  $\leq 80^{\circ}\text{C}$ )
- Excellent sealing properties in term of strength, hot-tack and integrity
- Remarkable performance on HFFS & VFFS machines
- Excellent seal integrity in presence of contaminants and humidity

### APPLICATIONS

- Base film for Metallization

### NOMENCLATURE

TDQF15TIVOB1 - Corona treated metallizable surface inside, Untreated sealable surface outside  
TDQF15TOVOB1- Corona treated metallizable surface outside, Untreated sealable surface inside

PROVISIONAL

	PROPERTIES	POSITION	TDQF15TIVOB1	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	15	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	13.65	g/m <sup>2</sup>	Internal Method
	Yield	-	73.3	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.7	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	Dynamic COF	Film/Film	0.45	-	Internal Method
	Wetting Tension	Both side	38*	dynes/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	-MD -TD	1200 2700	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	-MD -TD	180 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	16000 28000	kg/cm <sup>2</sup>	ASTM D 882
	Linear Shrinkage	-MD -TD	4 2	%	ASTM D 1204
THERMAL	Seal Initiation Temp.	-	80	-	Internal Method
	Heat Seal Strength	-	1200	-	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