

PROVISIONAL

TDQ19TTI-HCB

TRANSPARENT HEAT SEALABLE VERY LOW SEAL INITIATION TEMPERATURE BOTH SIDE CORONA TREATED HOLOGRAPHY COATING BASE BOPP FILM FOR CONVERSION



Heat sealable Corona Treated surface
Tie Layer
OPP Modified Core Layer
Tie Layer
Heat sealable Corona Treated surface

AVAILABLE
CALIPERS

DESCRIPTION

TDQ19TTI-HCB is transparent heat Sealable very low seal initiation temperature high hot tack & high seal strength & having high gloss both side treated BOPP film. Moreover it's inside high corona treated surface is specifically designed for Holography based coating & other side treated surface is for good lamination bonding after conversion..

PRODUCT FEATURES

- Suitable for Holographic Coating base
- Excellent mechanical properties
- Better Optical properties
- Good Wetting Tension

APPLICATIONS

- Base film for Holography coating

NOMENCLATURE

TDQ19TTI-HCB - High treatment Holography based coating side is Inside, Outside low treatment
TDQ19TTO-HCB - High treatment Holography based coating side is Outside, Inside low treatment

PROVISIONAL

	PROPERTIES	POSITION	TDQ19TTI-HCB	UNITS	TEST METHOD
GENERAL	Nominal Thickness	-	19	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	GSM	-	17.29	g/m ²	Internal Method
	Yield	-	61.1	m ² /kg	Internal Method
OPTICAL	Haze	-	3.0	%	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	1500 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	-MD -TD	180 60	%	ASTM D 882
	Elastic Modulus	-MD -TD	22000 45000	kg/cm ²	ASTM D 882
	Linear Shrinkage	-MD -TD	3 1	%	ASTM D 1204
THERMAL	Seal Initiation Temp.	-	NA	-	Internal Method
	Heat Seal Strength	-	NA	-	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 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 wetting tension