

## TDQ25TOH

BOPP FILMS

TRANSPARENT VERY LOW SEAL INITIATION TEMPERATURE HIGH HOT TACK &  
HEAT SEAL STRENGTH CORONA TREATED ONE SIDE FOR HOLOGRAPHIC CONVERSION



Untreated Low SIT Embossable Layer

OPP Core

Corona Treated Heat Seal Layer



AVAILABLE  
CALIPERS

### DESCRIPTION

OPPTDQH is transparent co-extruded heat sealable **BOPP** base film for holographic embossing applications. Its untreated skin is having very low seal initiation temperature specifically modified for direct holographic embossing without primer coating. TDQH gives brilliant prismatic effect for holographic applications.

### PRODUCT FEATURES

- Excellent Holographic Embossing on untreated side
- Excellent permanent Holographic effect after Embossing
- Outstanding optical properties (high gloss, exceptional clarity and low haze)
- Good Treatment retention
- Excellent Mechanical Properties

### APPLICATIONS

Base film for holographic applications for

- Brand protection
- Attractive packaging
- Security (almost impossible to counterfeit)

	PROPERTIES	POSITION	TDQ25TOH	UNIT	METHOD
GENERAL	Nominal Thickness	-	25	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	22.75	g/m <sup>2</sup>	Internal Method
	Yield	-	44.0	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	2.2	%	ASTM D 1003
	Gloss	-	90	GU	ASTM D 2457
SURFACE	COF	Film/Film	0.40	-	ASTM D 1894
	Wetting Tension	-	38	dy/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD	1200	kg/cm <sup>2</sup>	ASTM D 882
		- TD	2600		
	Elongation (at break)	- MD	200	%	ASTM D 882
		- TD	70		
	Elastic Modulus	- MD	18000	kg/cm <sup>2</sup>	ASTM D 882
		- TD	28000		
THERMAL	Linear Shrinkage	- MD	4	%	Internal Method
		- TD	2		
	Heat Seal Range	-	85-145	°C	Internal Method
	Heat Seal Strength	-	500	g/25mm	Internal Method

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