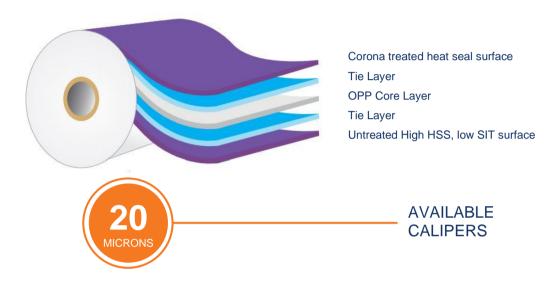
TDHS20TI

TRANSPARENT HEAT SEALABLE LOW SIT & HIGH HSS HERMETIC SEAL, ONE SIDE CORONA TREATED BOPP FILM FOR CONVERSION



DESCRIPTION

TDHS20TI is transparent co-extruded both side heat sealable **BOPP** film with Low Initiation Temperature on one side and corona treated on other side. Untreated heat-seal surface have good seal strength on low Initiation temperature and broad sealing range. Its hermetic seal provides optimum performance on wide range of packaging machines.

PRODUCT FEATURES

- Low seal initiation temperature (95°C)
- Outstanding sealing properties in terms of HSS & HTS
- Good performances of HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates
- Good optical properties
- Good stiffness & mechanical properties
- Non-toxic suitable for food contact application

APPLICATIONS

Can be used as single web or in a laminate structures;

- Confectionery (Chocolate/ Gum/ Sugar)
- Bakery (Biscuits/ Cookie/ Crackers)
- Health & Beauty care
- Chips / Snacks / Pasta
- Household & detergent

NOMENCLATURE

TDHS20TI - Corona treatment side is Inside, Untreated High HSS side is Outside TDHS20TO - Corona treatment side is Outside, Untreated High HSS side is Inside

PROVISIONAL

Р	PROPERTIES	POSITION	TDHS20TI	UNITS	TEST METHOD
GENERAL D O	Nominal Thickness Density GSM Yield	- - -	20 0.91 18.2 54.9	μ g/cc g/m² m²/kg	Internal Method Internal Method Internal Method Internal Method
2	Haze Gloss	- -	3.0 90	% GU	ASTM D 1003 ASTM D 2457
₹.	Static COF Wetting Tension	Film / Film -	0.40 38*	- dynes/cm	ASTM D 1894 ASTM D 2578
ECHANICAL (a	Fensile Strength (at break) Elongation (at break) Elastic Modulus	-MD -TD -MD -TD -MD -TD	1300 2700 190 60 18000 32000	kg/cm² % kg/cm²	ASTM D 882 ASTM D 882 ASTM D 882
THERMAL	Linear Shrinkage Seal Initiation Temp. Heat Seal Strength	-MD -TD -	4 2 95 1200	% °C gf/25mm	ASTM D 1204 Internal Method Internal Method (130°C/1sec/30psi)
THERMAL MECHANICAL 3 (2) THERMAL MECHANICAL 3 (2) THERMAL MECHANICAL 3 (3) THERMAL MECHANICAL 3 (3) THERMAL MECHANICAL 3 (3) THERMAL MECHANICAL 3 (3) THERMAL 3 (3) THERMA	Tensile Strength (at break) Elongation (at break) Elastic Modulus Linear Shrinkage Seal Initiation Temp.	-TD -MD -TD -MD -TD	2700 190 60 18000 32000 4 2	kg/cm² % kg/cm² %	ASTM D 88 ASTM D 12 Internal Mo

^{* 38} dyne/cm guaranteed for 6 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 $55\pm5\%$ 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