

TDXX25TI

BOPP FILMS

TRANSPARENT HEAT SEALABLE BOTH SIDE MATT WITH LOW HEATSEAL TEMPERATURE, HIGH HOT TACK & HIGH HEAT SEAL STRENGTH ONE SIDE AND CORONA TREATED OTHER SIDE FOR HIGH SPEED PACKAGING CONVERSION



DESCRIPTION

OPP TDXX is transparent co-extruded both side matt finish **BOPP** film. It is one side corona treated and other side low seal initiation temperature especially designed for high speed packaging where its wide seal operating window can be used on high speed machines. The paper like matte appearance provides satin appearance and a differentiated shelf appeal.

PRODUCT FEATURES

- Wide sealing range with low seal initiation temperature
- Matte appearance and differentiated shelf appeal
- Good performance on HFFS & VFFS machines
- Good printability and suitable for lamination with other substrates

APPLICATIONS

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

- Health and beauty care
- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips/snacks/pasta

| | PROPERTIES | POSITION | TDXX25TI | UNIT | METHOD |
|-----------------|-----------------------------|-----------|----------|--------------------|------------------------------------|
| GENERAL | Nominal Thickness | - | 25 | μ | Internal Method |
| | Density | - | 0.91 | g/cc | Internal Method |
| | Grammage | - | 22.75 | g/m ² | Internal Method |
| | Yield | - | 44 | m ² /kg | Internal Method |
| SURFACE OPTICAL | Haze | - | 35 | % | ASTM D 1003 |
| | COF (Dynamic) | Film/Film | 0.30 | - | ASTM D 1894 |
| | Wetting Tension | - | 40* | dyne/cm | ASTM D 2578 |
| MECHANICAL | Tensile Strength (at break) | - MD | 1200 | kg/cm ² | ASTM D 882 |
| | | - TD | 2500 | | |
| | Elongation (at break) | - MD | 170 | % | ASTM D 882 |
| | | - TD | 60 | | |
| THERMAL | Elastic Modulus | - MD | 18000 | kg/cm ² | ASTM D 882 |
| | | - TD | 28000 | | |
| | Linear Shrinkage | - MD | 4 | % | ASTM D 1204 |
| | | - TD | 2 | | |
| | Heat Seal Range | - | 105-145 | °C | Internal Method |
| | Heat Seal Strength | - | 450 | g/25mm | Internal Method (130°C/1sec/30psi) |

* 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±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