

TLT18

BOPP FILMS

TRANSPARENT LOW HAZE SEALABLE TIGHT WRAP FOR OVERWRAP



DESCRIPTION

OPP TLT is transparent heat sealable on either side **BOPP** film. It is specially designed for unprinted overwrapping applications where machinability is a key factor. TLT is for wrinkle-free tight wrap packing which provides better moisture barrier and enhanced shelf life.

PRODUCT FEATURES

- Specially formulated for unprinted overwrap application.
- Good shrink properties for wrinkle free appearance
- Consistent and stable slip
- Excellent stiffness and mechanical properties
- Good performance on high speed machines
- Good anti-static and hot slip
- Good aroma & moisture barrier
- Good optical properties
- Good seal strength
- Good anti-blocking for smooth operation with no jamming

APPLICATIONS

Unprinted overwrap

- Tobacco (cigarettes/cigars)
- CD's & DVD's
- Household and industrial

| | PROPERTIES | POSITION | TLT 18 | UNIT | METHOD |
|------------|--------------------------------|-------------------------|----------------|-----------------------|---------------------------------------|
| GENERAL | Nominal Thickness | - | 18 | μ | Internal Method |
| | Density | - | 0.91 | g/cc | Internal Method |
| | Grammage | - | 16.38 | g/m ² | Internal Method |
| | Yield | - | 61.05 | m ² /kg | Internal Method |
| OPTICAL | Haze | - | 1.7 | % | ASTM D 1003 |
| | Gloss | - | 88 | GU | ASTM D 2457 |
| SURFACE | COF | Film/Metal Film/Film | 0.22 0.23 | - | ASTM D 1894 |
| | Static charge | - | 0.5 | kv | Internal Method |
| MECHANICAL | Tensile Strength (at break) | - MD - TD | 1400 2700 | kg/cm ² | ASTM D 882 |
| | Elongation (at break) | - MD - TD | 170 55 | % | ASTM D 882 |
| | Elastic Modulus | - MD - TD | 20000 36000 | kg/cm ² | ASTM D 882 |
| | | | | | |
| THERMAL | Linear Shrinkage | - MD | 6 | % | ASTM D 1204 |
| | Heat Seal Range | - | 111-145 | °C | Internal Method |
| | Heat Seal Strength | - | 350 | g/25mm | Internal Method (130°C/1sec/30psi) |
| BARRIER | WVTR 38° C 90% rh | - | 5.5 | g/m ² /day | ASTM F 1249 |

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