

TS18TOVSPL1

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE BASE FILM LOW SEAL FOR METALIZATION



Corona Treated surface for metalization
OPP Core
Untreated Heat Seal Surface



AVAILABLE
CALIPERS

DESCRIPTION

TS18TOVSPL1 is transparent co-extruded heat sealable **BOPP** film for metalization. It is one side corona treated mainly for metalization and other side untreated heat seal surface have good seal strength and sealing range which gives optimum performance on wide range of packaging machines.

PRODUCT FEATURES

- Good sealing properties
- Good performance on HFFS & VFFS machines
- Better treatment retention for good Metal bond strength
- Good Optical properties
- Good Stiffness & Mechanical properties

APPLICATIONS

Base film for Metalization

NOMENCLATURE

TS18TIVSPL1..Corona treated metalizable surface is Inside & Untreated sealable surface is Outside
TS18TOVSPL1..Corona treated metalizable surface is Outside & Untreated sealable surface is Inside

| | PROPERTIES | POSITION | TS18TOVSPL1 | UNITS | TEST METHOD |
|------------|-----------------------------|------------|----------------|--------------------|-----------------|
| GENERAL | Nominal Thickness | - | 18 | μ | Internal Method |
| | Density | - | 0.91 | g/cc | Internal Method |
| | GSM | - | 16.38 | g/m ² | Internal Method |
| | Yield | - | 61.1 | m ² /kg | Internal Method |
| OPTICAL | Haze | - | 2.5 | % | ASTM D 1003 |
| | Gloss | - | 90 | GU | ASTM D 2457 |
| SURFACE | Wetting Tension | - | 38 | dy/cm | ASTM D 2578 |
| | COF (Maximum) | Film/Film | 0.30 | - | ASTM D 1894 |
| MECHANICAL | Tensile Strength (at break) | -MD -TD | 1200 2800 | kg/cm ² | ASTM D 882 |
| | Elongation (at break) | -MD -TD | 210 60 | % | ASTM D 882 |
| | Elastic Modulus | -MD -TD | 18000 30000 | kg/cm ² | ASTM D 882 |
| | Linear Shrinkage (max) | -MD -TD | 4 2 | % | Internal Method |
| THERMAL | Seal Initiation Temp. (max) | - | 105 | °C | Internal Method |
| | Heat Seal Strength | - | 350 | 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 with three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use. Film characteristics are maintained for six months from the date of manufacturing.

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.