

PROVISIONAL

PS35TIHS1

BOPP FILM

PEARLISED HEAT SEALABLE BOPP FILM CORONA TREATED ONE SIDE
FOR CONVERSION



Corona Treated Glossy Surface
Tie Layer
White Cavitated OPP Core
Tie Layer
Heat Seal Layer



AVAILABLE
CALIPERS

DESCRIPTION

PS35TIHS1 is Pearlized one side corona treated & other side is sealable, high gloss **BOPP** film specially formulated to give a high yield than standard. It is designed to be used unprinted, surface printed, unsupported or in a lamination for HFFS & VFFS packaging application.

PRODUCT FEATURES

- High Yield due to low Density
- Pearlescent appearance
- High gloss on outer surface gives brilliant print presentation
- Good crease resistance for shelf appeal
- Suitable for Food contact application
- Outstanding Opacity & Whiteness
- Good Moisture & Light barrier
- Printable / Glueable

APPLICATIONS

Can be used as unprinted, surface printed, unsupported or as a part of laminate structure;

- Bakery (Biscuits/ Cookies/ Crackers)
- Dairy products
- Confectionery (Chocolate / Gum / Sugar)
- Box wrapping

PROVISIONAL

| | PROPERTIES | POSITION | PS35TIHS1 | UNITS | TEST METHOD |
|------------|-----------------------------|------------|-----------|--------------------|-----------------|
| GENERAL | Nominal Thickness | - | 35 | μ | Internal Method |
| | Density | - | 0.69 | g/cc | Internal Method |
| | GSM | - | 24.15 | g/m ² | Internal Method |
| | Yield | - | 41.42 | m ² /kg | Internal Method |
| OPTICAL | Transmittance | - | 35 | % | ASTM D 1003 |
| | Gloss | - | 60 | GU | ASTM D 2457 |
| SURFACE | Dynamic COF | Film/Film | 0.25 | - | Internal Method |
| | | Film/Metal | 0.20 | - | Internal Method |
| | Static COF | Film/Metal | 0.30 | - | Internal Method |
| | Wetting Tension | Both side | 38* | dynes/cm | ASTM D 2578 |
| MECHANICAL | Tensile Strength (at break) | -MD | 700 | kg/cm ² | ASTM D 882 |
| | | -TD | 1500 | | |
| | Elongation (at break) | -MD | 140 | % | ASTM D 882 |
| | | -TD | 40 | | |
| THERMAL | Elastic Modulus | -MD | 10000 | kg/cm ² | ASTM D 882 |
| | | -TD | 20000 | | |
| | Linear Shrinkage | -MD | 5 | % | ASTM D 1204 |
| | | -TD | 3 | | |
| | Seal Initiation Temp. | - | 106 | °C | Internal Method |
| | Heat Seal Strength | - | 350 | gf/25mm | Internal Method |

* 38 dyne/cm guaranteed for 3 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 except for wetting tension