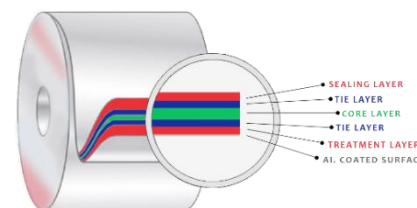


## TECHNICAL DATA SHEET - CPP FILM

**Metalized Polypropylene Cast Film One Side Heat Sealable, Other Side Corona Treated.**

- **Product Code:** HSMF
- **Feature :** High speed metalized CPP film, Good optical density, Good heat sealability & machinability
- **Application :** Lamination, Conversion

**METALLIZED FILM**



| Parameters                          | Method     | Unit                    | Ref.  | Typical values |       |       |       |       |       |      |
|-------------------------------------|------------|-------------------------|-------|----------------|-------|-------|-------|-------|-------|------|
|                                     |            |                         |       | 18             | 20    | 22    | 25    | 30    | 35    | 40   |
| Thickness                           | Internal   | Micron                  |       | 18             | 20    | 22    | 25    | 30    | 35    | 40   |
| Unit weight                         | Internal   | g/m <sup>2</sup>        |       | 16.38          | 18.20 | 20.02 | 22.75 | 27.30 | 31.85 | 36.4 |
| Yield                               | Internal   | m <sup>2</sup> /kg      |       | 61             | 55    | 50    | 44    | 36.6  | 31.85 | 27.5 |
| Tensile strength                    | ASTM D882  | Kg/cm <sup>2</sup>      | MD    | 600            | 550   | 500   | 450   | 400   | 350   | 300  |
|                                     |            |                         | TD    | 250            | 250   | 250   | 250   | 200   | 200   | 200  |
| Elongation                          | ASTM D882  | %                       | MD    | 250            | 250   | 250   | 300   | 350   | 400   | 400  |
|                                     |            |                         | TD    | 350            | 400   | 400   | 450   | 500   | 500   | 600  |
| Seal strength<br>130°C,30psi, 1 sec | Internal   | gm/25mm                 |       | 1400           | 1500  | 1600  | 1800  | 2000  | 2100  | 2500 |
| Wetting tension                     | ASTM D2578 | dyne/cm                 |       | 38             |       |       |       |       |       |      |
| Optical density                     | Internal   | %                       |       | 2.0            |       |       |       |       |       |      |
| Coefficient of fraction             | ASTM D1894 |                         | UT/M  | 0.30           |       |       |       |       |       |      |
|                                     |            |                         | UT/UT | 0.60           |       |       |       |       |       |      |
| Seal initial temperature            | Internal   | °C                      |       | 120            |       |       |       |       |       |      |
| WVTR                                | ASTM D1249 | g/m <sup>2</sup> /24hr  |       | <1             |       |       |       |       |       |      |
| OTR                                 | ASTM D3985 | cc/m <sup>2</sup> /24hr |       | <150           |       |       |       |       |       |      |

MD:-machine direction, TD:-transverse direction, UT:- untreated side, M:-matel

- **Optical Density**

Can be change as per customer requirements.

- **Storage And Handling**

The material to be stored in a dry place and at a temperature below 30°C .after using, if there will any leftover roll then that should be wrapped properly during storage, handling to be done with care to be avoid damages.

- **Food Contact**

TECHNOVAA CPP™ complies with EC and FDA regulations.specific document and MSDS are available on request.

- **Disclaimer**

Treatment value of CPP film trends to decay over a period of time during transportation & storage condition. Therefore it is recommended that the customer should check the treatment levels prior to processing and if a reduction is observed then Information in th is publication is believed to be accurate faith and is given in good but it is for the customer to satisfy for its own particular purpose. Accordingly Technovaa plastic industries Pvt. Ltd. given on warranty as to the fitness of the product for any particular warranty purpose and implied or condition. Technovaa plastic industries Pvt. Ltd. reserves the right to change the technical data sheet at any time without information,