IMPEX GLOBAL FILMS

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**DESCRIPTION :**

One side treated and one/two side heat sealable transparent co-extruded Cast Polypropylene film designed for lamination and then for pouching

**FEATURES :**

* Suitable for direct contact with food stuffs.
* Excellent heat seal strength.
* Excellent moisture barrier properties
* Good dimensional stability.
* Good clarity and gloss.
* Good impact strength

## TECHNICAL SPECIFICATIONS

| Property | | Test Standard | Units | Film type | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 20 THTI | 25 THTI | 30 THTI | 40 THTI | 50 THTI |
| Thickness | | ASTM D2103 | microns | 20 ± 5% | 25 ± 5% | 30 ± 5% | 40 ± 5% | 50 ± 5% |
| GSM | | | gm/m² | 18.1 ± 5% | 22.6 ± 5% | 27.2 ± 5% | 36.2 ± 5% | 45.3 ± 5% |
| C T Level | | ASTM D2578 | Dynes/cm | > 38 | > 38 | > 38 | > 38 | > 38 |
| Coeff. Of friction | *F/F* | ASTM D 1894 | | 0.24-0.36 | 0.24-0.36 | 0.24-0.36 | 0.24-0.36 | 0.24-0.36 |
| | *F/M* | | | 0.30-0.40 | 0.30-0.40 | 0.30-0.40 | 0.30-0.40 | 0.30-0.40 |
| Heat Seal strength, *2Bar, 1Sec* | | *@125°c,* | kG/25mm | > 1.8 | > 2.1 | > 2.5 | > 3.5 | > 4.2 |
| Heat seal range | *2Bar, 1Sec* | | °C | 125-145 | 125-145 | 125-145 | 125-145 | 125-145 |
| Shrinkage | *@120°C, 5 min* | | % | 0 ± 1 | 0 ± 1 | 0 ± 1 | 0 ± 1 | 0 ± 1 |
| | *in hot air oven* | | | 0 ± 1 | 0 ± 1 | 0 ± 1 | 0 ± 1 | 0 ± 1 |
| Tensile strength | *MD* | ASTM D882 | kG/cm² | > 600 | > 600 | > 600 | > 600 | > 600 |
| | *TD* | | | > 400 | > 400 | > 400 | > 400 | > 400 |
| % Elongation | *MD* | ASTM D882 | % | > 500 | > 500 | > 500 | > 500 | > 500 |
| | *TD* | | | > 700 | > 700 | > 700 | > 700 | > 700 |

**F/F -- Film to film,** **F/M -- Film to metal,**
**MD -- Machine direction,** **TD -- Transverse direction**

**NOTE:**

The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith.
These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. **IMPEX GLOBAL FILMS** does not claim and responsibility of the product for any particular purpose.