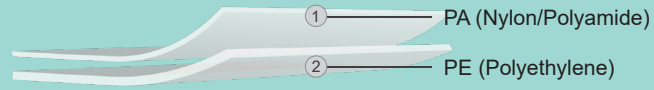




# Medium Barrier Thermoforming Film

10 Mil - 250 Micron  
PA / PE Transparent



| PROPERTIES                 | TEST METHOD | UNIT                         | VALUE       | NOTE                           |
|----------------------------|-------------|------------------------------|-------------|--------------------------------|
| <b>PHYSICAL PROPERTIES</b> |             |                              |             |                                |
| Yield                      | ASTM D 4321 | in <sup>2</sup> /lb          | 2869.67     | +/- 5%                         |
| Elongation                 | ASTM D 882  | %                            | MD          | > 330                          |
|                            |             |                              | TD          | > 350                          |
| Tensile Strength           | ASTM D 882  | N/mm <sup>2</sup>            | MD          | > 24.52                        |
|                            |             |                              | MD          | > 22.56                        |
| COF                        | ASTM D 1894 | Kinetic<br>(Inner/Metal)     | 0.10 - 0.30 |                                |
| Surface Tension            | ASTM D 2578 | dynes/cm                     | ≥ 42        |                                |
| Dart Impact Strength       | ASTM D 1709 | gf                           | ≥ 390       | @ 1.52 Meter Height            |
| Film Width                 | ASTM D 5947 | inch                         | As per PO   | +0.1, -0                       |
| <b>THERMAL PROPERTIES</b>  |             |                              |             |                                |
| Seal Strength              | ASTM F 88   | N/inch                       | ≥ 71.59     | (125°C, 1.8 second dwell time) |
| <b>BARRIER PROPERTIES</b>  |             |                              |             |                                |
| OTR                        | ASTM D 3985 | cc/100in <sup>2</sup> /24hrs | < 1.87      | (23°C, 0% RH)                  |
| WVTR                       | ASTM F 1249 | gm/100in <sup>2</sup> /24hrs | < 0.27      | (38°C 90% RH)                  |

\* MD = Machine Direction, \* TD = Transverse Direction

**Storage & Handling:** Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

**Food Contact:** Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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