



PET500 72ga

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A co-extruded one side heat sealable film. Heat sealable layer is designed to heat seal to itself or APET, CPET, PVC etc. Suitable for flexible packaging & dual ovenable.

| PROPERTIES | TEST METHOD | UNIT | | TARGET | MINIMUM | MAXIMUM |
|---|-----------------|---------------------------|---------|--------|---------|---------|
| Thickness | StockPKG Method | Micron | | 18 | 17.64 | 18.36 |
| | | Gauge | | 72 | 70.56 | 73.44 |
| Yield | StockPKG Method | m ² /kg | | 39.68 | 38.90 | 40.49 |
| | | in ² /lb | | 27,898 | 27,349 | 28,467 |
| Tensile Strength at break | ASTM D 882 | Kg/cm ² | MD | 2100 | 1900 | 2300 |
| | | (Kpsi) | TD | 29.9 | 27.0 | 32.7 |
| Elongation at break | ASTM D 882 | % | MD | 130 | 90 | 170 |
| | | | TD | 120 | 80 | 160 |
| Coefficient of friction | ASTM D 1894 | - | Static | 0.50 | 0.40 | 0.60 |
| | | | Dynamic | 0.45 | 0.35 | 0.55 |
| Heat Seal Strength (Seal to Seal) (120°C, 2Sec & 30 N) | StockPKG Method | gm/25 mm | | 500 | 400 | 700 |
| Haze | ASTM D 1003 | % | | 4 | 3 | 5 |
| Shrinkage | ASTM D 1204 | % | MD | 1.8 | 1.2 | 2.4 |
| | | | TD | 0.4 | 0 | 0.8 |
| M.V.T.R. (38°C, 90% RH) | ASTM F 1249 | gm/m ² /24 hrs | | 28 | 18 | 38 |
| O.T.R. (23°C, 50% RH) | ASTM F 1927 | cc/m ² /24 hrs | | 80 | 60 | 100 |

* 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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