

APStat™ Static Dissipative Film (APST)

The APStat product line is designed for packaging of non-ESD, static-sensitive electrical and electronic components. APStat is a linear low density polyethylene film with a special additive that prevents static build-up on the bag, protecting the packaged products from static discharge. APStat is amine-free, and polycarbonate and silver solder compatible.

APStat material is available in clear (APST), pink (APSP), blue (APSB), clear-white combination (CWAP) and blue-white combination (BWAP) to serve a variety of industries.

Genuine Autobag® bags-on-a-roll and AirPouch® protective packaging products are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

Technical Information

| | |
|---------------------------|-----------------------------------------------------------------|
| Press Printing | Yes |
| Imprinting | Yes |
| Trim Seal | Yes |
| Bag Mil Thickness | 1.5, 2.0, 3.0 |
| Bag Configurations | Autobag |
| Static Charge Dissipation | 5000v to <50v, <2.0 sec |
| Surface Resistivity | >1 x 10 ⁵ <1 x 10 ¹² Ohms/in ² |

| Performance Data: | U/M | 1.5/LD | 2.0/SD | 3.0/ET | ASTM |
|----------------------------|----------------------------|--------|--------|--------|--------|
| Haze | % | 15.6 | 13.7 | 16.5 | D-1003 |
| Puncture Resistance (Dart) | grams | 170 | 230 | 315 | D-1709 |
| Tensile Strength MD | psi | 3423 | 3518 | 3604 | D-882A |
| Tensile Strength TD | psi | 2687 | 2665 | 3099 | D-882A |
| Elongation MD | % | 489 | 555 | 670 | D-882A |
| Elongation TD | % | 654 | 619 | 754 | D-882A |
| Elmendorf Tear MD | grams | 197 | 385 | 788 | D-1922 |
| Elmendorf Tear TD | grams | 920 | 1190 | 1662 | D-1922 |
| OTR | cc/100in ² /day | 157.9 | 118 | 92 | D-3985 |
| MVTR | g/100in ² /day | 0.48 | 0.43 | 0.31 | F-1249 |

Formulations

- APST
- APSP
- APSB
- CWAP
- BWAP



Features & Benefits

- Dissipates static to protect sensitive products
- Amine-free
- Polycarbonate and silver solder compatible



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect APST material only. Certain minimum purchase volumes may apply.

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Patent(s): www.autobag.com/patents

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