## TRANSPET® ${ }^{\circledR}$ CAD2

## DESCRIPTION:

TRANSPET® ${ }^{\circledR}$ CAD2 is an ultra-clear, glossy two side chemically treated polyester film that provides enhanced adhesion of inks, coatings and adhesives. CAD2 combines high durability and optical clarity. (Also available in 700 gauge).

## CHARACTERISTICS:

- Excellent color and clarity
- Adhesion promotion
- Excellent flatness



## TECHNICAL DATA:

| PROPERTIES | UNIT OF <br> MEASURE | TYPICAL VALUE |  |  | TEST METHOD |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Gauge | 200 | 300 | 400 |  | - |
| Yield (nominal) | $\mathrm{in}^{2} / \mathrm{lb}$. | 9,900 | 6,600 | 5000 | 4,000 | - |
| Coefficient of Friction | Static | $0.4-0.7$ | $0.4-0.7$ | $0.4-0.7$ | $0.4-0.7$ | ASTM D1894 |
| Tensile Strength MD | psi | $25,000-$ | $25,000-$ | $25,000-$ | $24,000-$ | ASTM D882 |
|  |  | 28,000 | 28,000 | 28,000 | 28,000 |  |
| Tensile Strength TD | psi | $25,000-$ | $25,000-$ | $25,000-$ | $25,000-$ | ASTM D882 |
|  |  | 36,000 | 36,000 | 28,000 | 36,000 |  |
| Elongation at Break MD | $\%$ | 150 | 150 | 150 | 200 | ASTM D882 |
| Elongation at Break TD | $\%$ | 100 | 100 | 100 | 120 | ASTM D882 |
| Haze | $\%$ | $<1.0$ | $<1.0$ | $<1.0$ | $<1.0$ | ASTM D1003 |
| TLT | $\%$ | 88.7 | 88.5 | 88.3 | 88.0 | ASTM D1003 |
| Heat Shrinkage MD | $\%$ | 2.5 | 2.5 | 2.5 | $1.7-2.5$ | 5 min at $190^{\circ} \mathrm{C}$ |
| Heat Shrinkage TD | $\%$ | $1.0-1.9$ | $1.0-1.9$ | $1.0-1.9$ | $1.0-1.9$ | 5 min at $190^{\circ} \mathrm{C}$ |

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