



Cadillac Products Packaging Company

PRODUCT INFORMATION BULLETIN

CADPAK T

MIL-PRF-131K

Barrier Material: Watervaporproof, Greaseproof, Flexible

Structure description: Tyvek®/PE/Foil/LLD

PHYSICAL PROPERTIES

| PROPERTY | TYPICAL VALUES | UNITS | TEST METHOD |
|-------------------------------------|----------------------|--|---------------|
| Caliper | 9.1 | mil | ASTM D2103 |
| Yield | 4,740 | in ² /lb | Calculated |
| Puncture Resistance | 17 | lbs | Mil-STD-3010D |
| Breaking Strength | | lbs | Mil-PRF-131K |
| MD | 71 | | |
| TD | 82 | | |
| Tensile Strength | | PSI | ASTM D882 |
| MD | 5,300 | | |
| TD | 5,200 | | |
| Elongation | | % | ASTM D882 |
| MD | 625 | | |
| TD | 675 | | |
| Tear Strength | | grams | ASTM D1922 |
| MD | 4,100 | | |
| TD | >6,400 | | |
| OTR | 0.0005 | cc/100 in ² /day @ 0% RH, 23°C | ASTM D3985 |
| WVTR | 0.0005 | g/100 in ² /day @ 90% RH 40°C | ASTM F1249 |
| COF (sealant to sealant) | <0.7 | Kinetic | ASTM D1894 |
| Seal Strength | 15 | lbs/in | ASTM F88 |
| Suggested Sealing Conditions | 375°F, 40psi, 1.0sec | | |

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