



PRODUCT INFORMATION

025NT - NON-TOP COATED DIRECT THERMAL PAPER

A 46# (70 g/m²) medium sensitivity non-top coated direct thermal paper designed for short duration labels or applications where the label is not exposed to solvents, water, oils, fats or other similar materials.

| Test Property | Units | Typical Value | Metric Units | Metric Value | Test Method |
|-----------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight | lbs/25X38-500 | 50.7 | grams/sq meter | 75.0 | TAPPI T410 |
| Caliper - Average | mil | 3.2 | um (micrometer) | 81.3 | TAPPI T411 |
| Opacity | % | 90 | % | 90.0 | TAPPI T425 |
| Smoothness (PPS) Print Side | um | 1.65 | um | 1.7 | TAPPI T555 |
| Tear-MD | grams | 48 | mN | 470.7 | TAPPI T414 |
| Tear-CD | grams | 53 | mN | 519.8 | TAPPI T414 |
| Tensile-MD | lb/inch | 34 | kN/m | 6.0 | TAPPI T494 |
| Tensile-CD | lb/inch | 14 | kN/m | 2.5 | TAPPI T494 |
| Stiffness-MD | Gurley (mg) | 100 | mN | 1.0 | TAPPI T543 |
| Stiffness-CD | Gurley (mg) | 48 | mN | .5 | TAPPI T543 |
| Brightness | % | 88 | % | 88.0 | TAPPI T452 |
| Initial Activation Temp | F | 185 | C | 85 | ISO 1924 |
| Effective Activation Temp | F | 280 | C | 138 | ISO 1924 |
| Optimum Activation Temp | F | 300 | C | 149 | ISO 1924 |

Notes

<http://gbp.com/coated-direct-thermal-ink-recommendations>

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3250 South Ridge Road • P. O. Box 19017 • Green Bay, WI 54307-9017 • USA
Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111