



## PRODUCT INFORMATION

### 095RK - SYNTHETIC MEDIUM SENSITIVITY FILM

4.1 mil white BOPP film with direct thermal coating. Top coated for durability. Medium degree of sensitivity.

| Test Property             | Units         | Typical Value | Metric Units    | Metric Value | Test Method |
|---------------------------|---------------|---------------|-----------------|--------------|-------------|
| Basis Weight              | lbs/25X38-500 | 55.5          | grams/sq meter  | 82.1         | TAPPI T410  |
| Caliper - Average         | mil           | 4.1           | um (micrometer) | 104.1        | TAPPI T411  |
| Opacity                   | %             | 88            | %               | 88.0         | TAPPI T425  |
| Tear-MD                   | grams         | 44            | mN              | 431.5        | TAPPI T414  |
| Tear-CD                   | grams         | 37            | mN              | 362.8        | TAPPI T414  |
| Tensile-MD                | lb/inch       | 44            | kN/m            | 7.7          | TAPPI T494  |
| Tensile-CD                | lb/inch       | 76            | kN/m            | 13.3         | TAPPI T494  |
| Stiffness-MD              | Gurley (mg)   | 95            | mN              | 9687.3       | TAPPI T543  |
| Stiffness-CD              | Gurley (mg)   | 128           | mN              | 13052.4      | TAPPI T543  |
| Initial Activation Temp   | F             | 167           | C               | 75           | ISO 1924    |
| Effective Activation Temp | F             | 212           | C               | 100          | ISO 1924    |
| Optimum Activation Temp   | F             | 300           | C               | 149          | ISO 1924    |
| Area Yield                | sq in/lb      | 8601.4        | sq m/kg         | 12.3         | ASTM E252   |

#### Notes

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

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