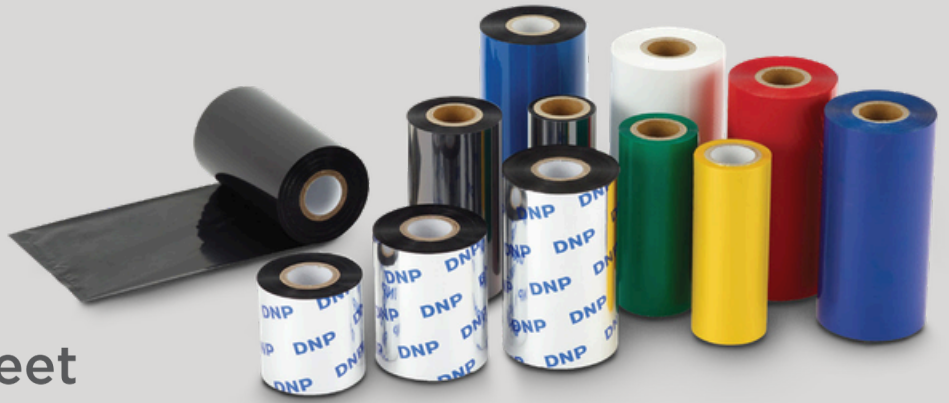




M255

Premium Wax Resin



Technical Data Sheet

Product Description

M255 formulation prints deep black barcodes and other variable information that is easily read. It delivers excellent small character clarity and edge definition and is extremely resistant to scratching and smudging of the printed image. Plus, this product eliminates label retrack, which means no faint shadows transferred to the labelstock when feeding through the printer. Designed to print on a wide variety of receiving materials, including coated and uncoated paper labels and tags, varnished label stock, and flood-coat, this wax/resin formulation is an excellent choice for extreme applications.

Applications



Retail



Inventory & Logistics



Food & Beverage



Health & Beauty



Outdoor

Recommended Substrates

Paper

- ✓ Coated Paper
- ✓ Uncoated Paper
- ✓ Coated Tag
- ✓ Uncoated Tag
- ✓ Gloss

Synthetics

- ✓ Polyethylene
- ✓ Polyolefin
- ✓ Polypropylene

Specialty Materials

- ✓ Polystyrene
- ✓ Tyvek®
- ✓ Tyvek Brillion®
- ✓ Top-coated Vinyl

Performance Characteristics

- ✓ Prints on an extensive variety of substrates expanding application options
- ✓ Excellent abrasion
- ✓ Halogen-free
- ✓ Anti-static for easy handling

More Info



RIBBON PROPERTIES

| Description | Result | Test Method |
|---------------------|------------|-------------|
| Ink | Wax Resin | |
| Color | Black | Visual |
| Total Thickness | 8.3 ± 0.3μ | Micrometer |
| Base Film Thickness | 4.8 ± 0.3μ | Micrometer |

DURABILITY OF PRINTED IMAGE

| Description | Result | Test Method |
|--------------------|--------|---|
| Print Density | > 1.80 | Densitometer |
| Smudge Resistance | A* | Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth |
| Scratch Resistance | A* | Colorfastness Tester - 20 Cycles @ 200 Grams with Stainless Steel Pointed Tip |

Label Stock: Coated Paper

Print Speed: 6 IPS

*American National Standard Institute (ANSI) Grade Levels A, B, C, D, and F, where A is excellent, B is above average, C is average, D is below average, and F is poor.



The information on this data sheet was obtained in DNP laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.

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