

DNP

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.

DNP IMAGINGCOMM ASIA SDN. BHD.

PL0 676, Jalan Nikel 4, Kawasan Perindustrian Pasir Gudang, 81700 Pasir Gudang, Johor, Malaysia



+607-257 8440



ttrsales@dnp-g.com



www.asia-dnpribbons.com



DNP Imagingcomm Asia TTR