DNP

DST
Tyre Identification
Resin

Technical Data Sheet

Product Description

Our specialty Tire Identification Resin is capable of withstanding the intensity of the tire vulcanization process. Exclusive technology designed to performance superior heat dimension stability even extreme environment conditions. It provide excellent print quality combined with good solvent, chemical, humidity, temperature and UV resistance. DST features our specially formulated backcoat technology as well as DNP's exclusive anti-static properties for easy handling and unrivalled printhead protection.

Applications

| Automotive | Chemicals | Electronics | Inventory & Logistics | Outdoor |

Recommended Substrates

Specialty Materials

✓ Pretreated PET label stocks   ✓ Pretreated Polyamide-imide label stocks

Performance Characteristics

✓ Unbeatable heat resistance

✓ Extreme durability and solvent resistance

✓ Eliminates the need for overlaminates in many cases

✓ Excellent smudge and scratch resistance

More Info

RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	7.7 ± 0.9μ	Weight
Base Film Thickness	5.7 ± 0.3μ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.60	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: Top-coated Polyester   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.