

BRADY B-759 PAPER LASERTAB® MARKER

TDS No. B-759
Effective Date: 07/01/2011

Description:

Brady B-759 is an opaque, white laser printable paper with a permanent acrylic adhesive.

B-759 is a multi-purpose labeling material where applications require a low cost solution, but still require quality graphics and bar codes.

B-759 provides for excellent toner adhesion and adhesive free processing through the high heat fusing of most laser printers.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Substrate -Adhesive -Total	0.0030 inch (0.0762 mm) 0.0006 inch (0.0152 mm) 0.0036 inch (0.0914 mm)
Adhesion to: -Stainless Steel -Polypropylene	ASTM D 1000 20 minute dwell	Fiber tear upon removal from all listed surfaces.
Tack	ASTM D 2979 Polyken™ Probe Tack (1 second dwell, 1 cm/sec separation)	25 oz (700 g)
Tensile Strength	ASTM D 1000 -Machine direction -Cross direction	29 lbs/inch (508 N/100 mm) 21 lbs/inch (368 N/100 mm)
Application Temperature	Lowest application temperature to stainless steel	25°F (-4°C)

Performance properties tested on B-759 printed with Hewlett Packard LaserJet 6P printer. Printed samples were laminated to aluminum and allowed to dwell 24 hours before exposure to the indicated environmental conditions.

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
Short Term High Service Temperature	15 minutes at 320°F (160°C)	No visible effect at 160°C, slight label discoloration at 200°C
Long Term High Service Temperature	30 days at 193°F (90°C)	No visible effect at 90°C, at 110°C label discolors slightly but still functional
Low Service Temperature	30 days at -94°F (-70°C)	No visible effect
Humidity Resistance	30 days at 100°F (37°C) and 95% R.H.	No visible effect
UV Light Resistance	30 days in UV Sunlighter™ 100	No visible effect
Abrasion Resistance	Taber Abraser, CS-10 grinding wheels, 500 g/arm (Fed. Std. 191A, Method 5306)	Print legible to 250 cycles

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **two years from the date of receipt** for this product as long as this product is stored in its original packaging in an environment *below 80°F (27°C) and 60% RH*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

Trademarks:

Lasertab® is a registered trademark of Brady Worldwide, Inc.
Polyken™ is a trademark of Testing Machines Inc.
Sunlighter™ is a trademark of the Test Lab Apparatus Company
ASTM: American Society for Testing and Materials (U.S.A.)

Note: All values shown are averages and should not be used for specification purposes.
Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

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