

BRADY B-236 INKJET PRINTABLE POLYCARBONATE TAGS

TDS No. B-236

Effective Date: 10/9/2020

Description:

GENERAL

Print Technology: Inkjet

Material Type: Polycarbonate

Finish: White Glossy

Adhesive: Acrylic (where applicable)

APPLICATIONS

Brady B-236 rigid polycarbonate cards are designed for general panel identification such as terminal block markers

RECOMMENDED PRINTERS

BradyJet J1000 Industrial Printer

REGULATORY/AGENCY APPROVALS

For information on the Weee-RoHS compliance status for a Brady Product go to one of the following websites:

In Canada: www.bradycanada.ca/weee-rohs

In Europe: www.bradyeurope.com/rohs

In Japan: www.bradycanada.ca/products/labelsuse/rohs

All other regions: www.bradycanada.ca/weee-rohs

SPECIAL FEATURES

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
High Service Temperature	30 days at 50°C	No visible effect
Low Service Temperature	30 days at -40°C	No visible effect
Humidity Resistance	30 days at 50°C and 95% R.H.	No visible effect
UV Light Resistance	30 days at 0.35 mW/m ² (395 nm)	Slight yellowing of card, no effect on printed text
Hexane Resistance	CEI EN 60950-1 Point 1.7.11	No visible effect

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE
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Samples printed with J10 ink using the Bradyjet J1000 Industrial printer. Samples were printed onto polycarbonate cards and allowed to dwell for 24 hours prior to the test. Testing was conducted at room temperature. Samples were rubbed 100 times with a cotton swab saturated with the test fluid.

Chemical Reagent	Subjective Observation of Visual Change	
	Polycarbonate Card	Printed J1000 Text
DI Water	No Visible Effect	No Visible Effect
10% Sodium Chloride	No Visible Effect	No Visible Effect
Machine Oil (5W-30)	No Visible Effect	No Visible Effect
10% HCl (pH 1)	No Visible Effect	No Visible Effect
10% NaOH (pH 14)	No Visible Effect	Slight Removal of Ink

Windex® Commercial Line™ Original Glass Cleaner	No Visible Effect	No Visible Effect
Hexane	No Visible Effect	Slight Removal of Ink
50% Ethanol	No Visible Effect	Moderate to Complete Removal of Ink

Shelf Life:

Shelf life is 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. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

Trademarks:

Windex® Commercial Line™ Original Glass Cleaner

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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

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