

BRADY B-7522 SURFACE PRINTED POLYPROPYLENE SIGNS WITHOUT OVERLAMINATE

TDS No. B-7522
Effective Date: 03/01/2019

Description:

GENERAL

BRADY B-7522 is a surface printed rigid polypropylene material with a slightly textured surface without overlamine.

REGULATORY 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.brady.co.jp/products/labelsuse/rohs

All other regions: www.bradyid.com/weee-rohs

SPECIAL FEATURES

BRADY B-7522 signs can be used for a wide variety of indoor applications. It is primarily used for signs and panels.

Polypropylene is considered to be an environmentally friendly material. This material is recyclable.

The basic material is white. B-7522 is available in all colors.

Details:

PHYSICAL PROPERTIES	TEST METHOD	AVERAGE RESULTS
Thickness	ASTM D 1000	1,5 mm (0,06 in)
Tensile strength	PSTC-31	850 N/100 mm (777 oz/in)
Elongation	PSTC-31	17%

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
Service Temperature	30 days at -40°C	No visible effect
	30 days at 120°C	No visible effect
Thermal Shock	1 hour at maximum temperature and 2 hours at minimum temperature.	No visible effect
Abrasion Resistance	Method 5306 US Fed. test Taber Abraser, CS-10 Grinding Wheels, 250 g/arm (Fed. Std. 191, Method 5306) 200 cycles	Slight print removal
Humidity Resistance	30 days at 37°C and 95% R.H.	No visible effect

B-7522 can only be used indoor, based on UV resistance testing in the Q-Sun Xenon Test Chamber Model Xe-3 (Daylight Filter, Irradiance 0.35 W/m², wavelength 340nm, continuous light at 63°C black panel temperature) and on weatherability testing in the QUV Accelerated Weathering Tester Model QUV/se, according to ASTM G154, Cycle 1.

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE
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Test conducted at room temperature. Testing consisted of 50 rubs with a cotton cloth soaked in the specified test fluid.

Chemical Reagent	Subjective Observation of Visual Change
	Label Stock
Isopropyl Alcohol	Slight ink removal
Water demin	No visible effect
Water + neutral soap (Extran MA02)	No visible effect

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:

ASTM: American Society for Testing and Materials (U.S.A.)

PSTC: Pressure Sensitive Tape Council (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.

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.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

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