

BRADY B-7527 SURFACE PRINTED POLYPROPYLENE SIGNS OVERLAMINATED WITH A CLEAR POLYESTER

TDS No. B-7527
Effective Date: 03/01/2019

Description:

GENERAL

BRADY B-7527 is a surface printed rigid polypropylene material with a slightly textured surface and overlaminated with a gloss clear polyester.

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-7527 signs can be used for indoor and outdoor applications. It is well suited for harsh environments.

BRADY B-7527 has a good solvent resistance.

The basic material is white colored. B-7527 is available in all colors.

Details:

PHYSICAL PROPERTIES	TEST METHOD	AVERAGE RESULTS
Thickness	ASTM D 1000	1,55 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) 500 cycles	No visible effect
Humidity Resistance	30 days at 37°C and 95% R.H.	No visible effect
U.V. Light Resistance	30 days in Xenon Test Chamber	No visible effect
Weatherability	ASTM G154 30 days in QUV	No visible effect

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	No visible effect
Acetone	No visible effect
Toluene	No visible effect
Petroleum spirit 60-95%	No visible effect
N-hexane	No visible effect
Methyl Ethyl Ketone	No visible effect

Ethanol 96%	No visible effect
Diesel	No visible effect
Sodium Chloride 10%	No visible effect
Ammonia 25%	No visible effect
Sulphuric acid 10%	No visible effect
Water	No visible effect
Water + neutral soap (Extran® MA 02)	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.)

Extran® is a trademark of Merck KGaA

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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Brady Europe | Industriepark C3 Lindestraat 20 | B9240 Zele | Belgium | Tel: +32 52.45.7811 | Fax: +32 52.45.7812