

BRADY B-836 FLUTED POLYPROPYLENE TEMPORARY SAFETY SIGNS

TDS No. B-836
Effective Date: 02/15/2001

Description:

Brady B-836 is a surface printed sign.

Details:



Use:

Brady B-836 is used for marking construction sites, temporary parking, and asbestos abatement sites.

Substrate Type:

Fluted, extruded polypropylene sheet

Standard Material Colors:

White, yellow, and orange

Standard Legend Colors:

Black, blue, red, and custom colors

Thickness (ASTM D 1593):

0.156 in. (4 mm)

Tensile Strength (ASTM D 638):

1.5 lb/in (27 N/100mm)

Elongation (ASTM D 638):

13%

Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):

CS-10 wheels, 250 g weights
Legend withstood up to 1000 cycles

Gloss 60°:

8 Gardner units

Flammability (ASTM D 635):

0.80 in/min. (2.0 cm/min.) burn rate

Service Temperature:

-40°F to 130°F (-40°C to 54°C)

Average Outdoor Durability:

Up to 1 year (Average expected outdoor life of product will depend on user definition of failure and climatic conditions.)

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% HCl	NE	NE	NE

10% HCl	NE	NE	NE
50% NaOH	F	NE	NE
10% NaOH	F	NE	NE
Methyl Ethyl Ketone	F	F	NE
Acetone	F	F	NE
1,1,1-Trichloroethane	F	F	NE
Methanol	F	F	NE
IPA (Isopropanol)	F	F	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	F	NE
Mineral Spirits	F	NE	NE
Glacial Acetic Acid	F	F	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	F	NE	NE
Heptane	F	NE	NE
Cellosolve Acetate	F	F	NE
Conc. Ammonia	NE	NE	NE
10% Ammonia	NE	NE	NE
Turpentine	F	NE	NE
Kerosene	F	NE	NE
Water	NE	NE	NE
Gasoline	F	NE	NE

NE = No Effect

NT = Not Tested

F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

Shelf Life:

Unlimited when stored at 70°F (21°C) and 40% to 50% R.H.

Trademarks:

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

SAE: Society of Automotive Engineers (U.S.A.)

All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units.

Note: All values shown are averages and should not be used for specification purposes.

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