

Thermoset Adhesive

TDS No. T-2955
Effective Date: 03/19/2019

Description:

GENERAL

Material Type: Polyimide

Adhesive: Thermoset

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:

1 mil polyimide film, coated both sides with 1.1 mils thermoset adhesive, release liner mounted on 2 sides.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Total (excluding liner)	0.0032 inch (0.0838mm)
Adhesion to: -Stainless Steel -unsupported	ASTM D 1000 20 minute dwell -1st pass (white liner) -2nd pass (clear liner) 24 hour dwell -1st pass (white liner) -2nd pass (clear liner)	60 oz/in (65.6 N/100 mm) 50oz/in (54.7 N/100 mm) 80 oz/in (87.5 N/100 mm) 70 oz/in (76.5 N/100 mm)
Tack -.030 mm distance -unsupported	TA TX Analyzer -1st pass (white liner) -2nd pass (clear liner)	90 grams force (0.09 kg) 48 grams force (0.048kg)
Drop Shear, hrs	LAB-A015	0.4 hrs
Lap Shear	After cure 150°C for 30 minutes A1; 1/2" x 1" coverage 50mm/min -Machine Direction 10,000 lb tensile test	650 lbs
DSC	Method 10°C/min Atmosphere: N2 1st pass -Onset Temp -Peak Temp -End Temp 2nd pass -Onset Temp -Peak Temp -End Temp	125°C 167°C 200°C 120°C 125°C 130°C

Recommended curing schedule is 150°C for 30 minutes.

Shelf Life:

Shelf life is one year 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.

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Trademarks:

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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