

Brady BA-2610 Ultra-Pure Viscoelastic Damping Adhesive

TDS No. BA-2610
Effective Date: 08/08/2013

Description:
DESCRIPTION

BA-2610 is a 2 mil unsupported, acrylic-based pressure sensitive adhesive between polyester / polyethylene differential liners.

FEATURES

BA-2610 is an extremely clean polymer system with excellent damping properties over a broad temperature and frequency range. This material is both the bonding and damping element of a traditional constrained layer damping system.

APPLICATIONS

BA-2610 is suitable for use in a wide range of vibration control applications, particularly those requiring a very clean adhesive with low volatile out gassing (i.e. computer/electronics or medical industries).

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
THICKNESS	ASTM D 1000 -PE (tight) liner -Adhesive -PET (easy) liner	0.0045 inch (0.114 mm) 0.0020 inch (0.0508 mm) 0.0015 inch (0.0381 mm)
ADHESION (to Stainless Steel)	ASTM D 1000 -1 hr. dwell -24 hr. dwell	40 oz/in (11.1 N/25 mm) 46 oz/in (12.8 N/25 mm)
TACK	ASTM D 2979 Polyken™ Probe Tack 1 second dwell	15.9 oz (450 g)
SAFT (Shear Adhesion Failure Temperature)	ASTM D 4498 (25mm X 25mm X 1Kg)	275°F (135°C)
RELEASE (from Liners)	ASTM D 1000 -Easy Side -Tight Side	0.25 oz/in (7 g/25 mm) 2.1 oz/in (60 g/25 mm)
DAMPING	ASTM E 756 -Peak Damping @ 1000 Hz	1.1 @ 134°F (57°C)

We recommend storage of BA-2610 in its original packaging in a cool, dry environment (below 75F (24C) and < 60 %RH). Since this is a product with cleanliness performance attributes, it is recommended that the material be converted in less than 12 mos. from its Date of Manufacture.

It remains the responsibility of the user to assess the risk of using this product and we encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

Details:

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)
PSTC: Pressure Sensitive Tape Council (U.S.A.)
Polyken™ is a trademark of Testing Machines Inc.
S. I.: International System of Units

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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