



PRELIMINARY
TECHNICAL DATA SHEET

H8111

Lab 850 Adhesive

Prior to use : Remix container by stirring or shaking to ensure a homogeneous product.

PHYSICAL PROPERTIES			
	PART A	PART B	MIXING
Mixing ratio by weight	100	95	
Mixing ratio by volume	100	100	
Composition	Isocyanate	Polyol	
Aspect : liquid	Cloudy white liquid	Red liquid	Red Liquid
Brookfield viscosity at 77°F / 25°C	400 cps	900 cps	600 cps
Specific gravity at 77°F / 25°C	9.8 lbs/gal	9.1 lbs/gal	9.5 lbs/gal
Pot-life (193g) at 70.7°F / 21.5°C			5-7 min.
Initial Hardening (10g) at 70.7°F / 21.5°C			< 35 min
Sand time (thickness in 0.5 inches)			* < 1 hours

* Time until sample can be hand sanded.

MECHANICAL AND HEAT RESISTANCE PROPERTIES			
Final hardness @ 73°F / 23°C	ASTM -2240	Shore D	80-81
Compressive strength	ASTM D-695	psi/MPa	13,740 / 95
Compression Modulus	ASTM D-695	psi/Mpa	245,700 / 1,694
Flexural strength	ASTM D-790	psi/MPa	11,070 / 76
Flexural modulus	ASTM D-790	psi/MPa	405,700 / 2,797
Lap Shear	ASTM 1002-78	psi/Mpa	4346 / 30
Tensile strength	ASTM D-638	psi/MPa	6,126 / 42
Tensile modulus	ASTM D-638	psi/MPa	398,700 / 2,749
Glass transition temperature	T.M.A. -Mettler	°F/°C	136 / 58
Coefficient of linear thermal expansion (CTE) [+50, +122]°F / [+10, +50]°C	T.M.A. -Mettler	10 ⁻⁶ F ⁻¹ 10 ⁻⁶ C ⁻¹	24 44

APPLICATIONS

Adhesive specifically formulated for Lab 850 board bonding.

PROPERTIES

Fast curing time
Fast processing time

PROCESSING

Part B contains filler which tends to settle during storage. Remix cartridge by shaking vigorously prior to its use in order to ensure a homogeneous product.

PRECAUTIONS

Normal health and safety precautions should be observed when handling these products :

- *ensure good ventilation*
- *wear gloves and safety glasses*

For further information, please consult the product safety data sheet.

STORAGE

Shelf life is 6 months in a dry place and in original unopened containers at a temperature between 59 and 77°F / 15 and 25°C.

GUARANTEE

The information contained in this technical data sheet result from research and tests conducted in our Laboratories under precise conditions. It is the responsibility of the user to determine the suitability of AXSON products, under their own conditions before commencing with the proposed application. AXSON guarantee the conformity of their products with their specifications but cannot guarantee the compatibility of a product with any particular application. AXSON disclaim all responsibility for damage from any incident which results from the use of these products. The responsibility of AXSON is strictly limited to reimbursement or replacement of products which do not comply with the published specifications.

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