



PRODUCT INFORMATION

High Technology Materials for Electronics and Industry

PRODUCT NUMBER: METRESCREEN 3210 DESIGNATION: EPOXY ADHESIVE

INTENDED APPLICATION: LOW VISCOSITY SCREEN BONDING ADHESIVE

DESCRIPTIVE DATA:

	<u>RESIN PORTION</u>	<u>ACTIVATOR</u>	<u>MIXTURE</u>
FORM	LIQUID	LIQUID	
COLOR	CLEAR	AMBER	
SP. GR.:	1.1	1.0	
*VISCOSITY:	1200 – 1800 CPS	1500 – 2000 CPS	

INSTRUCTIONS FOR USE:

MIX RATIO: (BY VOLUME) MIX TOGETHER 1 PART ACTIVATOR AND 2 PARTS RESIN.

POT LIFE: (100GM MASS) (WORKING LIFE OF MIXTURE) 10 MINUTES AT 25°C

CURE TIMES: 16 HOURS AT 77°F OR 2 HOURS AT 120°F

SPECIAL INSTRUCTIONS:

CHARACTERISTICS OF CURED COMPONENTS:

	<u>TEST METHOD</u>	<u>AVERAGE VALUES**</u>	<u>PHYSICAL UNIT</u>
IMPACT RESISTANCE	IZOD		ft-lbs/in notch
EXPANSION COEFFICIENT	ASTM D 696		
THERMAL SHOCK RESIST.	MIL-I-16923C		
OPERATING TEMP. RANGE			
HARDNESS TESTS	ASTM D 2240	82	SHORE D
MOISTURE TESTS			
FLEXURAL STRENGTH	ASTM D 790		psi
COMPRESSIVE STRENGTH	ASTM D 695		psi
TENSILE STRENGTH	ASTM D 638		psi
ELONGATION			%
TENSILE LAP SHEAR (AL-AL)	ASTM D 1002	1000	psi
DIELECTRIC STRENGTH	ASTM D 149		volts/mil
VOLUME RESISTIVITY	ASTM D 257		ohm-cm
DISSIPATION FACTOR	ASTM D 150		
DIELECTRIC CONSTANT	ASTM D 150		

* Thixotropic materials list viscosity obtained by Helipath test method.

** Test values are average values obtained by standard laboratory tests. These are not intended as final specification limits and are not to be used for the preparation of specifications.

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