



# PRODUCT INFORMATION

High Technology Materials for Electronics and Industry

PRODUCT NUMBER: METREG RIP 313      DESIGNATION: CLEAR 5 MINUTE ADHESIVE

INTENDED APPLICATION:

DESCRIPTIVE DATA:

	RESIN PORTION	ACTIVATOR	MIXTURE
FORM	LIQUID	LIQUID	
COLOR	CLEAR	CLEAR	CLEAR
SP. GR.:	1.1	1.1	1.1
*VISCOSITY:	6000 – 7000 CPS	3000 – 4000 CPS	4000 – 6000 CPS

INSTRUCTIONS FOR USE:

MIX RATIO: (BY WT/VOL)    MIX TOGETHER    1 PART    ACTIVATOR AND    1 PART    RESIN.

POT LIFE: (50 GM MASS)    (WORKING LIFE OF MIXTURE)    4 MINUTES    AT 25°C

CURE TIMES:    8-12 HOURS AT ROOM TEMPERATURE

SPECIAL INSTRUCTIONS:    APPLY ADHESIVE WITHIN 3 MINUTES OF MIXING

CHARACTERISTICS OF CURED COMPONENTS:

	TEST METHOD	AVERAGE VALUES**	PHYSICAL UNIT
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	81	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	2000	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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