



“Our strength is in our formulations”

TECHNICAL BULLETIN:

CLR 1510 / CLH 6580

DESCRIPTION: A LOW VISCOSITY ADHESIVE WITH EXCELLENT THERMAL AND MECHANICAL SHOCK RESISTANCE.

SALES SPECIFICATION:

CLR 1510

CLH 6580

COLOUR	TAN	CLEAR
VISCOSITY (NOTE 1)	10,000-16,000 CPS	30 CPS
SPECIFIC GRAVITY	1.5 – 1.6 gm/cm ³	0.95 gm/cm ³
SHELF LIFE	6 months	6 months

HANDLING:

MIX RATIO BY WEIGHT (A:B) (NOTE 1)	100:7.5
VISCOSITY	4000 – 6000 cps
POT LIFE	20 minutes
GEL TIME	40 minutes

CURE SCHEDULE: (NOTE 3)

24 HRS @ 25⁰C OR 4 HRS @ 60⁰C

CURED PROPERTIES: (not intended for preparation of specifications)

COLOUR	TAN
DENSITY / SPECIFIC GRAVITY	1.4 – 1.5 gm/cm ³
SHORE HARDNESS	86D
GUIDE TO OPERATING CLASS	125 ⁰ C
LINEAR SHRINKAGE (ASTM D 2566)	0.006 in/in
TENSILE STRENGTH (ASTM D 638)	5000 psi
ELONGATION (ASTM D 638)	6%

NOTES:

- 1) If a filled resin, settling may occur during transportation or storage. Fillers must be remixed before use.
- 2) The mix ratio must be within $\pm 2\%$ of the stated value and thorough mixing is required to avoid degraded properties.
- 3) Other cure schedules may yield satisfactory results however; these should be determined by the customer for his given application.
- 4) Unless otherwise specified, all measurements are taken at 22°C.
- 5) These products may trigger allergic reactions in some individuals. Prevent contact with skin; wash with plenty of soap and water if contact occurs and **Read the Material Safety Data Sheet** before using the materials. **Do Not Breathe Vapours** provide good ventilation and exercise good housekeeping at the work area.
- 6) The values indicated under “**Electrical Characteristics**” may be based on supplier data for products with similar compositions. They are provided only as a guide and the recipient must test each material to determine its suitability for the intended application.
- 7) The “**Guide to Operating Temperature**” is based on our experience with materials of similar chemistry and/or thermal index. The ultimate suitability of a product for a particular operating temperature is application dependent and **may change according to the demands placed upon it in service.**

IMPORTANT

THE INFORMATION IN THIS BULLETIN IS BASED ON DATA OBTAINED BY OUR OWN RESEARCH AND IS CONSIDERED ACCURATE. ALL INFORMATION SUPPLIED BY CROSSLINK TECHNOLOGY INC., IS FURNISHED UPON THE EXPRESS CONDITION THAT THE PERSON RECEIVING THE PRODUCT SHALL MAKE THEIR OWN ASSESSMENTS TO DETERMINE ITS SUITABILITY FOR THEIR PARTICULAR PURPOSE. NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING SUCH INFORMATION, OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF; THAT ANY PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE; OR THAT THE USE OF SUCH OTHER INFORMATION OR PRODUCT WILL NOT INFRINGE ANY PATENT.

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7-6680 Finch Avenue West, Toronto, Ontario M9W 6C2 Canada

Phone: 800-563-3769, Fax: 416-674-7563

Web site: www.crosslinktech.com , E-mail: info@crosslinktech.com
