



CROSSLINK TECHNOLOGY INC.
FORMULATED EPOXIES, URETHANES • CUSTOM CAST ELECTRICAL PARTS



Our strength is in our formulations

TECHNICAL BULLETIN:

XS5 1553

PRODUCT DESCRIPTION:

A SINGLE COMPONENT, STRUCTURAL ADHESIVE. THIS COMPOUND GELS QUICKLY AT ELEVATED TEMPERATURE WITH EXCELLENT ADHESION TO MOST SUBSTRATES.

SALES SPECIFICATIONS:

COLOR
VISCOSITY (NOTE 1, NOTE 4)
SPECIFIC GRAVITY
SHELF LIFE

XS5 1553

CREAM
25000 - 30000 cps
1.45 ± 0.03 gm/cm³
6 MONTHS

HANDLING

GEL TIME OF 1.0 gm. MASS

4-5 Min. @ 120°C.

CURE SCHEDULE (NOTE 3)

RECOMMENDED CURE SCHEDULE:
ALTERNATE CURE SCHEDULE:

15 Min. @ 120 °C
5 Min. @ 150 °C

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)

COLOUR WHITE
DENSITY (gm/cm³) 1.45
SHORE HARDNESS 86 D

ADDITIONAL INFORMATION

NOTE: HAZARDOUS EXOTHERM WILL OCCUR IF MASSES OVER 50 gms. OR THICKNESS OVER 1/2 INCH ARE CURED.

NOTES

- Note 1 If a filled resin, setting may occur during transportation or storage. Fillers must be remixed before use.
- Note 2 Mix ratio must be within $\pm 2\%$ of the stated amount and thorough mixing is required to avoid degraded final properties.
- Note 3 Other cure schedules may give satisfactory results, however, these should be determined by the customer for their given circumstances.
- Note 4 All measurements taken at 22°C unless otherwise specified.
- Note 5 These products may trigger allergic responses in some individuals. Prevent contact with skin, wash with plenty of soap and water immediately if contact occurs. Do not breathe vapours, provide good ventilation and exercise good housekeeping at work area. Read the Material Safety Data Sheet and observe the recommended precautions prior to handling any product.
- Note 6 The "Guide to Operating Temperature" is based on our experience with materials of similar chemistry and/or thermal index. The ultimate suitability of this product for a given operating temperature is application dependent and may change according to the demands placed upon it in operation.

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 ASSESMENTS TO DETERMINE IT'S 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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