CROSSLINK TECHNOLOGY INC.

FORMULATED EPOXIES, URETHANES - CUSTOM CAST PARTS

ISO 9001 REGISTERED QUALITY SYSTEM SINCE 1981

TECHNICAL BULLETIN: **CLS 9420**

PRODUCT DESCRIPTION:

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

SALES SPECIFICATION	CLS 9420
COLOUR	TAN
VISCOSITY (NOTE 1, NOTE 4)	50000 - 80000 CPS
SPECIFIC GRAVITY	1.45 ± 0.03 gm/cm³
SHELF LIFE	3 MONTHS

HANDLING:

MIXED VISCOSITY (NOTE 4)	70000 cps @ 22 ºC
GEL TIME OF 1 gm. mass (NOTE 4)	4.00 Min. @ 125 ºC

CURE SCHEDULE (NOTE 3):

RECOMMENDED CURE SCHEDULE	30 Min. @ 125 ºC
ALTERNATE CURE SCHEDULE	15 Min. @ 150 ºC

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)

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

ADDITIONAL INFORMATION

Hazardous exotherm will occur if masses over 50 gms. and thickness over 1/2 inch are cured.

ELECTRICAL PROPERTIES		
DISSIPATION FACTOR A	@1	0.0100
DIELECTRIC STRENGTH	418 Volts/Mil	62.5 Mil/Section
ARC RESISTANCE		146 Seconds
VOLUME SHRINK		2100

NOTES

Note1 If a filled resin, settling may occur during transportation or storage. Fillers must be remixed before use.

Note2 Mix ratio must be within ± 2% of the stated amount and thorough mixing is required to avoid degraded final properties.

Note3 Other cure schedules may give satisfactory results, however, these should be determined by the customer for their given circumstances.

Note4 All measurements taken at 22ºC unless otherwise specified.

Note5 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.

Note6 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.

Note7 If indicated, the values 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.

IMPORTANT

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