



CROSSLINK TECHNOLOGY INC.

FORMULATED EPOXIES, URETHANES - CUSTOM CAST PARTS



TECHNICAL BULLETIN: XS8 2784

PRODUCT DESCRIPTION:

A SINGLE COMPONENT, UV ACTIVATED LIGHT THIXOTROPE DESIGNED FOR COATING AND POTTING VARIOUS SUBSTRATES. THIS PRODUCT COMBINES FAST GEL WITH EXCELLENT ADHESION AND DIMENSIONAL STABILITY.

SALES SPECIFICATION	XS8 2784
COLOUR	DARK BROWN
VISCOSITY (NOTE 1, NOTE 4)	LIGHT THIXOTROPE
SPECIFIC GRAVITY	1.20 ± 0.03 gm/cm ³
SHELF LIFE	3 MONTHS

HANDLING:

MIXED VISCOSITY (NOTE 4)	LIGHT THIXOTROPE cps @ 22 °C
GEL TIME OF 10 gm. mass (NOTE 4)	50.00 Sec. @ 22 °C

CONVEYOR SPEED

CONVEYOR SPEED BASED ON THE FOLLOWING

- 1) ELECTRODELESS D-STYLE BULB
- 2) 400 WATT OUTPUT
- 3) DIRECT EXPOSURE TO UV LIGHT
- 4) UVA ENERGY (60 SEC OF EXPOSURE) - 7500-9000 mJ/cm² (1800-2000 mW/cm²)

CONVEYOR SPEED : 1 METRE/MIN

CURE SCHEDULE (NOTE 3):

RECOMMENDED CURE SCHEDULE	1 Days. @ 22 °C
ALTERNATE CURE SCHEDULE	4 Hrs. @ 100 °C

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)

COLOUR	DARK BROWN
DENSITY (gm/cm ³)	1.20
SHORE HARDNESS	82D

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 $\pm 2\%$ 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 22°C 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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