CROSSLINK TECHNOLOGY INC.

FORMULATED EPOXIES, URETHANES - CUSTOM CAST PARTS

ISO 9001 REGISTERED QUALITY SYSTEM SINCE 1981

TECHNICAL BULLETIN: **XP6 2743 / XID 2744**

PRODUCT DESCRIPTION:

A TWO COMPONENT, POLYURETHANE REPAIR COMPOUND WITH A FAST SET TIME IN THIN FILMS THAT IS EASILY MACHINABLE.

SALES SPECIFICATION	XP6 2743	XID 2744
COLOUR	BLACK	AMBER
VISCOSITY (NOTE 1, NOTE 4)	5700 - 6800 CPS	150 - 300 CPS
SPECIFIC GRAVITY	1.37 ± 0.03 gm/cm³	1.19 ± 0.03 gm/cm³
SHELF LIFE	6 MONTHS	12 MONTHS

HANDLING:

MIX RATIO BY WEIGHT (A:B) (NOTE 2)	100:28.9 (by vol. 100:33.3)
MIXED VISCOSITY (NOTE 4)	5000 cps @ 22 ºC
POT LIFE OF 20 gm. mass (NOTE 4)	45.00 Sec. @ 22 ºC
GEL TIME OF 20 gm. mass (NOTE 4)	60.00 Sec. @ 22 ºC
PEAK EXOTHERM 100 gm. mass (NOTE 4)	

HANDLING NOTES (22°C AMBIENT TEMPERATURE)

THIN FILM (3-4MILLIMETRE THICKNESS)
- POT LIFE: 60 SECONDS
- GEL TIME: 90 SECONDS
- GREEN STRENGTH: 3.5 MINUTES
- SANDING STRENGTH: >30 MINUTES

CURE SCHEDULE (NOTE 3):

RECOMMENDED CURE SCHEDULE	16 Hrs. @ 60 ºC
ALTERNATE CURE SCHEDULE	3 Days. @ 22 ºC

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)

COLOUR	BLACK
DENSITY (gm/cm³)	1.33
SHORE HARDNESS	45D

ELECTRICAL PROPERTIES		
VOLUME RESISTIVITY		

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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