Our strength is in our formulations

TECHNICAL BULLETIN: XSD 2033

PRODUCT DESCRIPTION:
A SINGLE COMPONENT STRUCTURAL ADHESIVE. THIS COMPOUND GELS AT ELEVATED TEMPERATURES WITH EXCELLENT ADHESION TO MOST SUBSTRATES. THIS PRODUCT IS COMPOSED OF INGREDIENTS THAT MEET THE CURRENT REQUIREMENT OF THE U.S. FDA FOR FOOD CONTACT, WHEN USED IN ACCORDANCE WITH THE REQUIREMENTS AND LIMITATIONS OF 21CFR175.300. THIS PRODUCTS CHEMISTRY HAS PERFORMED IN APPLICATIONS UP TO 350°F.

SALES SPECIFICATIONS: XSD 2033
COLOR
NATURAL
VISCOSITY (NOTE 1, NOTE 4) 150,000 - 180,000 cps
SPECIFIC GRAVITY 1.45 ± 0.03 gm/cm³
SHELF LIFE 3 MONTHS

HANDLING:
MIXED VISCOSITY (NOTE 4) 160,000 cps @ 22 ºC
GEL TIME OF 0 gm. mass (NOTE 4) 20.0 Min. @ 150 ºC

CURE SCHEDULE (NOTE 3):
RECOMMENDED CURE SCHEDULE: 3 Hrs. @ 150 ºC

CURED PROPERTIES: (NOT INTENDED FOR PREPARATION OF SPECIFICATIONS)
COLOUR
NATURAL
DENSITY (gm/cm³) 1.45
SHORE HARDNESS 86D
TENSILE LAP SHEAR STRENGTH (psi) 2,100
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ELECTRICAL PROPERTIES:

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 ± 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 observer.

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.

Note 7 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

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 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 MERCHANTABILITY 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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