



EY-3211 A/B (Previously FR-7211A & FR-721B)

POTTING COMPOUND

DESCRIPTION

EY-3211 A/B is a two-component epoxy novolac system. This system does not contain any solvents or diluents; therefore, shrinkage due to flashing off of these solvents is not a consideration. EY-3211 A/B demonstrates good chemical, electrical and physical properties.

MIX RATIO

Mix 2 parts by weight of EY-3211B with 100 parts by weight of EY- 3211A RESIN.

POT LIFE

The work life of EY-3211 A/B at 25°C is >4 hours. The gel time for 102 grams is 20-25 minutes @ 125°C

CURE CYCLE

The typical cure for motor winding is to impregnate the winding and pull a vacuum at 26Hg minimum to allow excess material to drain. Cure in a circulating air oven for 1 hour @ 150°C.

TYPICAL PHYSICAL PROPERTIES

Property	Part A	Part B	Blend
BLENDING RATIO BY VOLUME	100	2.3	
BLENDING RATIO BY WEIGHT	100	2	
CHEMICAL RESISTANCE (WT CHANGE, IMMERSION IN SKYDROL 500 (250F / 48HRS))			+ 0.66%
COLOR	COLORLESS	YELLOW	
DENSITY, ASTM D0792	9.32 - 9.72	8.03 - 8.23	9.4 - 9.7
ELECTRICAL CONDUCTIVITY (ASTM D0150 DIELECTRIC CONSTANT, 1 KHZ @ 100C) ((deg. K)(ohm))			0.003
ELECTRICAL CONDUCTIVITY (ASTM D0150, DISSIPATION FACTOR, 1 KHZ @ 100C) ((deg. K)(ohm))			3.35
GEL TIME, TMTS144 AT 77F (102 GRAMS) (minute)			>240
GLASS TRANSITION TEMPERATURE (TG), TMTA007,, BY TMA (AFTER 100 HOURS AT 300F) (deg. C)			160
GLASS TRANSITION TEMPERATURE (TG), TMTA007,, BY TMA (deg. C)			135
HARDNESS, SHORE D			80
ODOR	NEUTRAL	FISHY	
SHELF LIFE (day)	365	365	
SOLID CONTENT (NON-VOLATILES), TMWB052, (percent)	100	100	
STABILITY (WT CHANGE AFTER 100 HR EXPOSURE AT 300F)			+ 0.03%
VISCOSITY, TMTS001, (cP)	32,000	3,200	30,000 - 40,000



EY-3211 A/B

LIMITED WARRANTY AND TERMS

H.B. Fuller Company ("Fuller") warrants that, for a Warranty Period of one year (or the period specified on the applicable Technical Data Sheet, whichever is less) from the date of shipment from Fuller to the Initial Purchaser, that this Fuller product was manufactured in accordance with Fuller's specifications in effect on the date of manufacture. These specifications are available upon request. This Warranty does not cover test data, or any defects, damages or other harms caused to any extent or in any way by failure to follow applicable Fuller instructions, if any, or abuse or misuse of the product.

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LIMITATION OF ACTIONS AND VENUE -- Any claim made or action commenced by Purchaser under Fuller's limited warranty as set forth herein must be brought within one year from the date of shipment from Fuller to the Purchaser. Purchaser agrees that all disputes arising from Fuller's sale of product to Purchaser shall be brought, if at all, in and before a court located in the State of Minnesota, to the exclusion of the courts of any other state.

CONDITIONAL ACCEPTANCE -- Fuller's acceptance of Purchaser's order for this product is expressly conditional on Purchaser's assent to terms and conditions set forth herein.

ADEQUATE TESTS: The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.