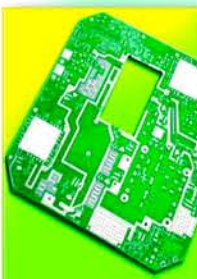


ELECTRONICS APPLICATIONS



EPOXY ELECTRICAL ENCAPSULATING COMPOUND		SYSTEM NUMBER	MIX RATIO PARTS BY WT. A: PARTS BY WT. B:	MIXED VISCOSITY CPS @ 25°C	POTLIFE @25°C 100g. MASS	CURE SCHEDULE	SPECIFIC GRAVITY	HARDNESS SHORE "D"	GLASS TRANSITION TEMP°C	DELECTRIC STRENGTH V/mil	VOLUME RESISTIVITY (OHM-CM)
SS1803 SA1803 SB1803	EPMAR SS1803 IS A BLACK, LOW VISCOSITY, TWO COMPONENT ELECTRONIC GRADE POTTING COMPOUND. EXCELLENT PHYSICAL AND ELECTRICAL CHARACTERISTICS AS WELL AS EASY HANDLING MAKE THIS RESIN/HARDENER COMBINATION IDEAL FOR THE ENCAPSULATION OF ELECTRONIC MODULES. SS1803 HAS A HIGH GLOSS SURFACE APPEARANCE.	SS1803 SA1803 SB1803	100/42	995	40 MINUTES	24HRS @ RT or 3HRS @ 60°C	1.12	85	65	540	3.1x10 ¹⁵
SS1804 SA1804 SB1803	EPMAR SA1804/SB1803 IS A BLACK FILLED, TWO COMPONENT, ROOM TEMPERATURE CURING EPOXY POTTING COMPOUND. SS1804 WAS SPECIFICALLY DEVELOPED FOR ELECTRONIC MODULE POTTING APPLICATIONS. EXCELLENT ELECTRICAL AND PHYSICAL PROPERTIES COMBINED WITH EASY HANDLING, SELF DEAIRATION AND A HIGH GLOSS SURFACE APPEARANCE.	SS1804 SA1804 SB1803	100/30	890	60 MINUTES	24HRS @ RT or 3HRS @ 60°C	1.19	80	66	510	4.6x10 ¹⁴
SS1836X SA1836X SB1836X	EPMAR SS1836X IS A BLACK, TWO COMPONENT, FLAME RETARDANT, FILLED EPOXY. SS1836X WAS DEVELOPED FOR THE POTTING OF ELECTRONIC MODULES. U.L. LISTED 94V0. SS1836X HAS EXCELLENT THERMAL PROPERTIES, LOW SHRINKAGE AND LOWER COEFFICIENT OF THERMAL EXPANSION.	SS1836X SA1836X SB1836X	100/100 OR 1/1 BY VOLUME	10,600	120 MINUTES	24HRS @ RT or 3HRS @ 60°C	1.52	76	40	410	3.0x10 ¹⁴
SS1873 SA1873 SB1873	EPMAR SS1873 IS A TWO COMPONENT, FILLED EPOXY COMPOUND. THE COMPOUND CONSISTS OF SA1873 FILLED RESIN AND SB1873 FILLED HARDENER. SS1873 COMPOUND WAS DEVELOPED SPECIFICALLY FOR THE POTTING OF ELECTRIC AND ELECTRONIC MODULES. SS1873 EXHIBITS OUTSTANDING TENSILE STRENGTH AND CRACK RESISTANCE UNDER EXTREME CONDITIONS.	SS1873 SA1873 SB1873	100/100 OR 1/1 BY VOLUME	4720	90 MINUTES	24-36HRS @ RT or 3HRS @ 60°C	1.61	85	40	500	1.5x10 ¹⁴
SS1874 SA1874 SB1874	EPMAR SS1874 IS A CLEAR, TWO COMPONENT, ROOM TEMPERATURE CURING EPOXY COMPOUND. SS1874 WAS DEVELOPED FOR APPLICATIONS WHERE A CLEAR CASTING COMPOUND IS REQUIRED. EXCELLENT ELECTRICAL AND PHYSICAL PROPERTIES.	SS1874 SA1874 SB1874	100/42	760	60 MINUTES	7DAYS @ RT or 4HRS @ 80°C	1.10	80	68	515	3.1x10 ¹⁴
SS1875 SA1875 SB1875	EPMAR SS1875 IS A TWO COMPONENT, FILLED EPOXY COMPOUND. THE COMPOUND CONSISTS OF PART A FILLED RESIN AND PART B FILLED HARDENER. SS1875 WAS DEVELOPED SPECIFICALLY FOR THE POTTING OF ELECTRICAL AND ELECTRONIC MODULES. SS1875 HAS EXCELLENT THERMAL PROPERTIES, LOW SHRINKAGE AND LOWER COEFFICIENT OF THERMAL EXPANSION.	SS1875 SA1875 SB1875	100/100 OR 1/1 BY VOLUME	6590	90 MINUTES	24-36HRS @ RT or 3HRS @ 60°C	1.61	87	42	500	1.5x10 ¹⁴
SS1919 SA1919 SB1919	EPMAR SS1919 IS A LOW VISCOSITY, CLEAR AMBER, 100% SOLIDS EPOXY SYSTEM. SS1919 MEETS THE REQUIREMENTS OF F.D.A. 175.105. SS1919 HAS EXCELLENT ADHESION TO MOST SUBSTRATES AND HAS HIGH CHEMICAL RESISTANCE. FORMULATED FOR THE FILTER MARKET.	SS1919 SA1919 SB1919	100/40	750	10 MINUTES	24HRS @ RT or 4HRS @ 80°C	1.09	90	57	520	8.0x10 ¹⁴
SS1920 SA1920 SB1920	EPMAR SS1920 IS A WHITE, TWO COMPONENT, HEAT CURE EPOXY DEVELOPED FOR ELECTRONIC APPLICATIONS. SS1920 WAS DEVELOPED FOR THE POTTING AND ENCAPSULATION OF ELECTRONIC COMPONENTS AND CIRCUITRY. IT IS A FLAME RETARDED COMPOUND CONTAINING NO HALOGENS OR ANTIMONY OXIDE. FORMULATED FOR THE FLY BACK TRANSFORMER MARKET - UL94V0.	SS1920 SA1920 SB1920	100/35	1090	8 HOURS	90MIN @ 70°C plus 3HRS @ 115°C	1.61	90	114	560	5.9x10 ¹⁴
POLYURETHANES											
SS2017 SA2017 SB2017	EPMAR SS2017 IS A TWO COMPONENT, UNFILLED, 100% SOLIDS MDI BASED POLYURETHANE POTTING AND CASTING COMPOUND SPECIFICALLY DEVELOPED FOR TELECOMMUNICATION CONNECTOR BLOCKS.	SS2017 SA2017 SB2017	100/150	825	12 MINUTES	GEL: 18MIN@RT 7-10 DAYS@RT	1.10	60	-80	480	3.1x10 ¹³
SS2057 SA2057 SB2057	EPMAR SS2057 IS A TWO-COMPONENT, SEMI-TRANSPARENT, POLYURETHANE ENCAPSULATING COMPOUND. COMPONENT "A" IS A POLYMERIC ISOCYANATE AND COMPONENT "B" IS BASED ON HYDROPHOBIC POLYOLS. THE CURED ELASTOMER IS SOFT (55 WITH "00" SCALE DUROMETER), VERY FLEXIBLE AND HAS EXCELLENT ELECTRICAL AND THERMAL SHOCK RESISTANCE. THIS ELECTRICAL INSULATING RESIN COMPOUND IS DESIGNED ESPECIALLY FOR REENTERABLE SPLICE PROTECTION.	SS2057 SA2057 SB2057	16.5/83.5	700	40 MINUTES	GEL: 60MIN 5 DAYS @ RT or 8HRS @ 100F°	1	55-60 00 TYPE	N/A	N/A	3.0x10 ¹²