



TCC-702 A/B ELECTRONIC POTTING SYSTEM

ROOM TEMPERATURE

PRODUCT BULLETIN



www.CASSpolymers.com
31200 Stephenson Hwy

800.344.7776
Madison Heights MI 48071

TCC@CASSpolymers.com
Ph 248.588.2270 Fax 248.588.5909

DESCRIPTION

Epoxy Resin **TCC-702A** with Epoxy Hardener **TCC-702B** is designed especially for the encapsulation of low voltage permanent components. It may be cast bonded to metal and other low cost cores to provide close tolerance, intricate-detail forming surfaces.

HANDLING CHARACTERISTICS AND PHYSICAL PROPERTIES @ 25°C/77°F

Mix Ratio (parts by weight).....	Resin TCC-702A/Hardener TCC-702B.....	100R/100H
Pot Life (100 gram mass).....		40 minutes
Linear Shrinkage		0.0005 in/in
Mixed Specific Gravity.....		1.34
Mixed Viscosity		3,000 cps
Color:		
.....	Resin TCC-702A.....	Natural/Black
.....	Hardener TCC-702B.....	Natural/Black/White
Peak Operating Temperature.....		160°F
Hardness		70 Shore D
Compressive Strength.....		15,000 psi
Tensile Strength		6,100 psi
Flexural Strength		7,900 psi
Electrical Conductivity		Nil
Shelf Life (in original unopened containers).....	TCC-702A/TCC-702B	2 years

SANITARY PRECAUTIONS

Do not take internally. Avoid prolonged breathing of vapors. Work in a well-ventilated area. Avoid skin contact. Protective gloves should be worn. If contact occurs: wash skin with soap and water. Avoid eye contact. If contact occurs: rinse well with water for 15 minutes, contact physician.

STORAGE

Store at room temperature. Before use, mix resin and hardener well with mechanical device.

TCC-702 Tech/Revised 5/24/10
Supercedes 5/18/06

Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. Seller accepts no responsibility for results obtained by the application of seller's products or the safety and suitability of seller's products, either alone or in combination with other products. Users are advised to make their own test to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, seller delivers the products without warranty of any nature, stated or implied, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of said products, whether used alone or in combination with other products. Purchaser waives any claim against seller for direct, indirect, consequential or exemplary damages against seller, including without limitation, damage which may incur as a result of purchaser's use or misuse of the product or the products failure to conform to any particular specifications.