

Product  
Bulletin**E40-415**Flexible, 38 Shore D Hardness, Two-Component Epoxy  
Potting Compound and Adhesive**GENERAL DESCRIPTION**

E40-415 is a two-component, 100% solids, low cost, color stable epoxy potting compound which has been developed for the automotive electronics market.

E40-415 is capable of withstanding short exposures to over 350°F without affecting the insulating characteristics of the system. The pigmenting system used will not discolor during elevated exposure.

E40-415 is available in quart, 1-gallon, 5-gallon, and 55-gallon kits.

**SPECIFICATIONS**HANDLING CHARACTERISTICSMix Ratio, Resin to Cat., by Volume: 5:4Mix Ratio, Resin to Cat., by Weight: 4:3Mixed Viscosity @ 25°C cps: 1,200 – 1,500Gel Time, 100 g: 6 minutesTack Free Time, (0.003 in thick), hrs: 2Color: green (108), white (238), black (104)PHYSICAL CHARACTERISTICSHardness, Shore D: 38Tensile Strength, psi: 8,980Compressive Strength, psi: 15,300Heat Deflection Temp, °C: 109Izod Impact, ft · lb / in: 0.40Water Absorption, %: 0.20Thermal Expansion Coefficient,(in / in / °C): 80 x 10<sup>-6</sup> maxVolume Resistivity, ohm · cm: 4.1 x 10<sup>14</sup>**SAFETY AND HANDLING**

As in all chemical systems, please use good housekeeping practices as prescribed in the Material Safety Data Sheets for this product.