

Conductive Polymer Composite as Plastic Solder

Abstract

There is provided a method for soldering a first non-metallic component to one or more metallic or non-metallic component, the method comprising the step of removably securing the first non-metallic component to the one or more metallic component by using a conductive polymeric composite or removably securing the first non-metallic component to the one or more non-metallic component by using the conductive polymeric composite, wherein the conductive polymeric composite used in the method comprises a blend of at least one filler material and at least one thermoplastic polymer.

[Figure 6]