

ABSTRACT

LOW-HALOGEN UNDERFILL, PREPARATION METHOD AND USE THEREOF

The present invention provides a low-halogen underfill, wherein the components of the underfill comprise silica-modified epoxy resin, or comprise silica-modified epoxy resin and acrylic monomer; and the halogen content of the underfill is not more than 100 ppm; preferably the halogen content of the underfill is not more than 80 ppm; more preferably the halogen content of the underfill is not more than 40 ppm. The low-halogen underfill provided by the invention has the advantages of low viscosity, low halogen content, good mechanical properties, good heat resistance, low thermal expansion coefficient, etc., and has a wider application prospect.