

A B S T R A C T

Disclosed in a halogen-free flame-retardant epoxy resin composition, comprising (A) a bisphenol A type epoxy resin, (B) a novolak type epoxy resin, (C) a phenolic resin type curing agent, (D) a curing accelerator, and (E) an inorganic filler. The phenolic resin type curing agent (C) is provided by a nitrogen-containing phenolic resin, preferably, by a co-condensation resin formed by the reaction among a phenolic compound, a guanamine compound, and an aldehyde compound. More desirably, a phenolic resin containing both phosphorus and nitrogen should be used as the curing agent (C). Further, a combination of the co-condensation resin noted above (C-1) and a reactive phosphoric acid ester can be used as a curing agent.

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