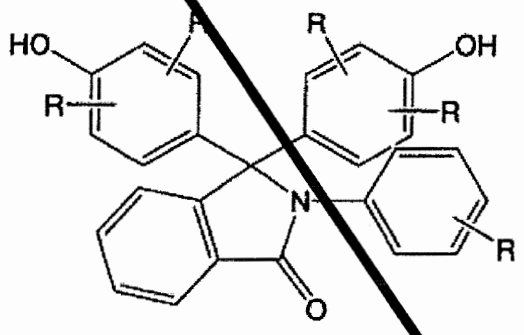
CLAIMS

[Claim 1]

An epoxy resin composition containing an epoxy resin obtained through a reaction of a phenol resin represented by the following formula (1) with an epihalohydrin and a carboxylic acid and/or a cationic polymerization catalyst, the epoxy resin having a hue by the Gardner colorimetry (in a 40% MEK solution) of not more than 2:



(1)

wherein each of plurally existent Rs independently represents a hydrogen atom, an alkyl group having from 1 to 6 carbon atoms, or an alkoxy group having from 1 to 6 carbon atoms.

[Claim 2]

The epoxy resin composition according to claim 1, wherein an amount of a residual phenolphthalein derivative in the phenol resin to be allowed to react with the epihalohydrin is not more than 2%.

[Claim 3]

The epoxy resin composition according to claim 1, wherein an amount of remaining iron in the phenol resin to be allowed to react with the epihalohydrin is not more than 50 ppm.

[Claim 4]

The epoxy resin composition according to claim 3, containing a transition metal salt.

[Claim 5]

The epoxy resin composition according to claim 3, containing a quaternary phosphonium salt.

[Claim 6]

The epoxy resin composition according to claim 3, containing a cationic polymerization initiator.

[Claim 7]

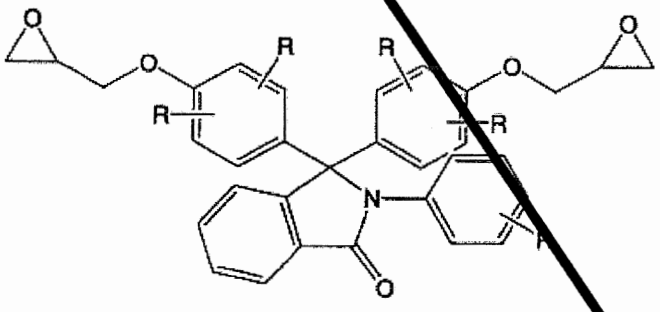
An epoxy resin cured product obtained by curing the epoxy resin composition according to any one of claims 4 to 6.

[Claim 8]

The epoxy resin composition according to any one of claims 1 to 6, which is used for a substitute of glass.

[Claim 9]

A curable resin composition containing an epoxy resin represented by the following formula (2) and a phenol resin and/or a polymerization catalyst:



(2)

wherein each of plurally existent Rs independently represents a hydrogen atom, an alkyl group having from 1 to 6 carbon atoms, or an alkoxy group having from 1 to 6 carbon atoms.

[Claim 10]

The curable resin composition according to claim 9, wherein the phenol resin is a phenol aralkyl resin (resin having an aromatic alkylene structure).

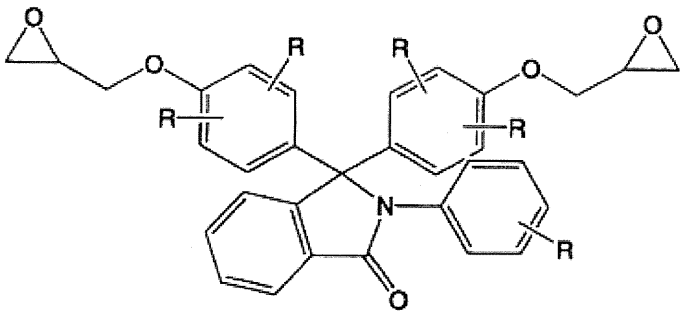
[Claim 11]

The curable resin composition according to claim 9, wherein the polymerization catalyst is a cationic polymerization catalyst.

CLAIMS

[Claim 1]

A curable resin composition containing an epoxy resin represented by the following formula (1) and a phenol resin and/or a polymerization catalyst:



(1)

wherein each of plurally existent Rs independently represents a hydrogen atom, an alkyl group having from 1 to 6 carbon atoms, or an alkoxy group having from 1 to 6 carbon atoms.

[Claim 2]

The curable resin composition according to claim 1, wherein the phenol resin is a phenol aralkyl resin (resin having an aromatic alkylene structure).

[Claim 3]

The curable resin composition according to claim 1, wherein the polymerization catalyst is a cationic polymerization catalyst.