CLAIMS

1. A styrene-based resin composition, wherein when an oxidation induction time of the styrene-based resin composition measured in an oxygen atmosphere of 200°C is t1 and an oxidation induction time of the styrene-based resin composition measured in an oxygen atmosphere of 200°C after wet heat treatment for 500 hours in an air atmosphere of 80°C and 90% humidity is t2, t1-t2 is 20 minutes or less,
the styrene-based resin composition comprises a styrene-based resin (A), a phosphorus-based antioxidant (C1) having a phenolic hydroxyl group, and a phosphorus-based antioxidant (C2) which does not have a phenolic hydroxyl group,
a content of the phosphorus-based antioxidant (C1) is 0.001 to 0.3 parts by mass with respect to 100 parts by mass of the styrene-based resin (A)
a content of the phosphorus-based antioxidant (C2) is 0.001 to 0.3 parts by mass with respect to 100 parts by mass of the styrene-based resin (A).

2. The styrene-based resin composition of Claim 1, wherein t1 is 50 minutes or more.

3. The styrene-based resin composition of Claim 1 or 2, comprising a hindered phenol-based antioxidant (B).

4. The styrene-based resin composition of any one of Claims 1 to 3, wherein the styrene-based resin (A) has a styrene-based monomer unit and a (meth)acrylic ester-based monomer unit.

5. The styrene-based resin composition of Claim 3, wherein the hindered -based phenol antioxidant (B) is at least one compound selected from a group consisting of octadecyl-3-(3,5-di-tert-butyl-4 hydroxyphenyl)propionate, ethylene bis(oxyethylene) bis [3- (5-tert-butyl-4-hydroxy-m-tolyl) propionate], and pentaerythritol tetrakis [3- (3,5-di-tert-butyl-4-hydroxyphenyl) propionate].

6. The styrene-based resin composition of Claim 1, wherein the phosphorus-based antioxidant (C2) is at least one compound selected from a group consisting of 2,2'-methylenebis(4,6-di-tert-butylphenyl)2-ethylhexylphosphite and tris(2,4-di-tert-butylphenyl) phosphite.

7. The styrene-based resin composition of Claim 1, wherein the phosphorus-based antioxidant (C1) is 6- [3- (3-tert-butyl-4-hydroxy-5-methylphenyl) propoxy] -2,4,8,10-tetra-tert-butyldibenzo [d, f] [1,3,2] dioxaphosphepine.

8. The styrene-based resin composition of any one of Claims 1 to 7, wherein an initial YI value in an optical path length of 115 mm is 2.5 or less.

9. A molded article comprising the styrene-based resin composition of any one of Claims 1 to 8,

10. A light guide plate comprising the molded article of Claim 9.