Claims

1. An asphalt composition comprising 1% to 15% by mass of a block copolymer (a) and an asphalt (c), wherein

the block copolymer (a) comprises a block copolymer (a-1) and a block copolymer (a-2), wherein

the block copolymer (a-1) has a polymer block comprising, as a main component, a vinyl aromatic monomer unit, and a polymer block comprising, as a main component, a conjugated diene monomer unit, and

the block copolymer (a-2) has a polymer block comprising, as a main component, a vinyl aromatic monomer unit, and a polymer block comprising, as a main component, a conjugated diene monomer unit,

a content of the block copolymer (a-1) in the total mass of the block copolymer (a) is 40% by mass or more and 85% by mass or less,

a content of the block copolymer (a-2) in the total mass of the block copolymer (a) is 15% by mass or more and 60% by mass or less,

a content of the vinyl aromatic monomer unit in the block copolymer (a) is 34% by mass or more and 55% by mass or less,

a number average molecular weight of the block copolymer (a-1) is in the range of 20,000 to 73,000,

a number average molecular weight of the block copolymer (a-2) is 1.5 to 5.0 times higher than the number average molecular weight of the block copolymer (a-1), and

a vinyl content in the conjugated diene monomer unit in the block copolymer (a), before hydrogenation, is 25 mol% or less.

2. The asphalt composition according to claim 1, wherein

the block copolymer (a-1) has one polymer block comprising, as a main component, a vinyl aromatic monomer unit, and one polymer block comprising, as a main component, a conjugated diene monomer unit, and

the block copolymer (a-2) has two or more polymer blocks each comprising, as a main component, a vinyl aromatic monomer unit, and one or more polymer blocks each comprising, as a main component, a conjugated diene monomer unit.

3. The asphalt composition according to claim 1 or 2, wherein

the block copolymer (a-2) comprises at least one block copolymer selected from the group consisting of (S-B)n+1, B-(S-B)n+1, S-(B-S)n, S-(B-S)n-X, [(S-B)k]m-X, and [(S-B)k-S]m-X (wherein, in each formula, m represents an integer of 2 to 6; n and k each independently represent an integer of 1 to 4; S represents a polymer block comprising, as a main component, a vinyl aromatic monomer unit; B represents a polymer block comprising, as a main component, a conjugated diene monomer unit; and X represents a residue of a coupling agent or a residue of a polymerization initiator).

4. The asphalt composition according to claim 1 or 2, wherein

the block copolymer (a-2) comprises at least a block copolymer represented by (S-B)3-X (wherein S represents a polymer block comprising, as a main component, a vinyl aromatic monomer unit; B represents a polymer block comprising, as a main component, a conjugated diene monomer unit; and X represents a residue of a coupling agent).

5. The asphalt composition according to claim 1 or 2, wherein

the content of the block copolymer (a-1) in the block copolymer (a) is 55% by mass or more and 85% by mass or less, and

the content of the block copolymer (a-2) in the block copolymer (a) is 15% by mass or more and 45% by mass or less.

6. The asphalt composition according to claim 1 or 2, wherein

a ratio of the content of a vinyl aromatic monomer block to the total content of the vinyl aromatic monomer unit in the block copolymer (a) is in the range of 90.0% to 99.0% by mass.

7. The asphalt composition according to claim 1 or 2, which further comprises 0.5% to 10% by mass of a block copolymer (b), wherein

the block copolymer (b) has a polymer block comprising, as a main component, a vinyl aromatic monomer unit, and a polymer block comprising, as a main component, a conjugated diene monomer unit, and

a content of the vinyl aromatic monomer unit in the block copolymer (b) is 24% by mass or more and less than 34% by mass.

8. The asphalt composition according to claim 7, wherein

the block copolymer (b) comprises a block copolymer (b-1) and a block copolymer (b-2), wherein

the block copolymer (b-1) has a polymer block comprising, as a main component, a vinyl aromatic monomer unit, and a polymer block comprising, as a main component, a conjugated diene monomer unit, and

the block copolymer (b-2) has a polymer block comprising, as a main component, a vinyl aromatic monomer unit, and a polymer block comprising, as a main component, a conjugated diene monomer unit,

a content of the block copolymer (b-1) in the total mass of the block copolymer (b) is 5% by mass or more and 40% by mass or less,

a content of the block copolymer (b-2) in the total mass of the block copolymer (b) is 60% by mass or more and 95% by mass or less,

a number average molecular weight of the block copolymer (b-1) is in the range of 60,000 to 150,000, and

a number average molecular weight of the block copolymer (b-2) is 1.5 to 5.0 times higher than the number average molecular weight of the block copolymer (b-1).

9. The asphalt composition according to claim 8, wherein

the block copolymer (b-1) has one polymer block comprising, as a main component, a vinyl aromatic monomer unit, and one polymer block comprising, as a main component, a conjugated diene monomer unit, and

the block copolymer (b-2) has two or more polymer blocks each comprising, as a main component, a vinyl aromatic monomer unit, and one or more polymer blocks each comprising, as a main component, a conjugated diene monomer unit.

10. The asphalt composition according to claim 7, wherein

the block copolymer (a) and/or the block copolymer (b) are block copolymers, in which double bonds in the conjugated diene monomer unit are hydrogenated.

11. A road containing the asphalt composition according to claim 1 or 2 and an aggregate.