object to be achieved and thereby completed the present disclosure.

[0008] That is, according to an aspect of the present disclosure, there is provided a latex of synthetic polyisoprene and/or a styrene-isoprene-styrene block copolymer with a weight average molecular weight of 10,000 to 5,000,000, a volume average particle size of 0.5 to 10 μm, and a content of a total of an alicyclic hydrocarbon solvent and aromatic hydrocarbon solvent of 500 weight ppm or less, wherein the latex is obtained by emulsifying a solution or fine suspension of synthetic polyisoprene and/or a styrene-isoprene-styrene block copolymer which have been dissolved or finely dispersed in an organic solvent in the presence of a sodium salt or potassium salt of a fatty acid and alkylbenzene sulfonate in water and removing the organic solvent and the weight ratio of use of "the sodium salt or potassium salt of a fatty acid":"the alkylbenzene sulfonic acid salt" is 1:1 to 10:1 in range.

[0009] In the present disclosure, preferably the residual amount of surfactant in the latex is 2.5 parts by weight or less with respect to 100 parts by weight of the total of the synthetic polyisoprene and styrene-isoprene-styrene block copolymer.

In the present disclosure, preferably the latex is a latex of synthetic polyisoprene.

In the present disclosure, preferably the latex of synthetic polyisoprene is obtained by emulsifying a solution or fine suspension of synthetic polyisoprene which has been dissolved or finely dispersed in an organic solvent in the presence of a sodium salt or potassium salt of a fatty acid and alkylbenzene sulfonate in water and removing the organic solvent. Note that, preferably the organic solvent is an alicyclic hydrocarbon solvent and/or aromatic hydrocarbon solvent.

In the present disclosure, preferably the alicyclic hydrocarbon solvent is cyclohexane and the aromatic hydrocarbon solvent is toluene.

In the present disclosure, preferably the sodium salt or potassium salt of a fatty acid is sodium rosinate and the alkylbenzene sulfonic acid salt is sodium dodecylbenzene sulfonate.

[0010] Further, according to another aspect of the present disclosure, there is provided a dip-forming composition which contains the latex as

disclosed herein, sulfur-based vulcanizer, and vulcanization accelerator. Preferably the dip-forming composition further contains zinc oxide.

Furthermore, according to another aspect of the present disclosure, there is provided a dip-formed article obtained by dip-forming the above dip-forming

CLAIMS

1. A latex of synthetic polyisoprene and/or a styrene-isoprene-styrene block copolymer with a weight average molecular weight of 10,000 to 5,000,000, a volume average particle size of 0.5 to 10 μm, and a content of a total of an alicyclic hydrocarbon solvent and aromatic hydrocarbon solvent of 500 weight ppm or less, wherein

the latex is obtained by emulsifying a solution or fine suspension of synthetic polyisoprene and/or a styrene-isoprene-styrene block copolymer which have been dissolved or finely dispersed in an organic solvent in the presence of a sodium salt or potassium salt of a fatty acid and alkylbenzene sulfonate in water and removing the organic solvent and

the weight ratio of use of "the sodium salt or potassium salt of a fatty acid":"the alkylbenzene sulfonic acid salt" is 1:1 to 10:1 in range.

2. The latex as set forth in claim 1 wherein a residual amount of surfactant in said latex is 2.5 parts by weight or less with respect to 100 parts by weight of the total of said synthetic polyisoprene and styrene-isoprene-styrene block copolymer.

3. The latex as set forth in claim 1 or 2 wherein said latex is a latex of synthetic polyisoprene.

~~4. The latex as set forth in claim 3 obtained by emulsion polymerizing a solution or fine suspension of synthetic polyisoprene which has been dissolved or finely dispersed in an organic solvent in the presence of a sodium salt or potassium salt of a fatty acid and alkylbenzene sulfonate in water and removing the organic solvent.~~

~~5~~4. The latex as set forth in any one of claims 1 to 3 ~~4~~ wherein said organic solvent is an alicyclic hydrocarbon solvent and/or aromatic hydrocarbon solvent.

~~6~~5. The latex as set forth in claim ~~5~~ 4 wherein said alicyclic hydrocarbon solvent is cyclohexane and said aromatic hydrocarbon solvent is toluene.

~~7~~6. The latex as set forth in any one of claims ~~4 to 6~~ 1 to 5 wherein

said sodium salt or potassium salt of fatty acid is sodium rosinate and said alkylbenzene sulfonic acid salt is sodium dodecylbenzene sulfonate.

~~8~~7. A dip-forming composition containing a latex as set forth in any one of claims 1 to ~~7~~6, a sulfur-based vulcanizer, and a vulcanization accelerator.

~~9~~8. The dip-forming composition as set forth in claim ~~8~~7 which further contains zinc oxide.

~~10~~9. A dip-formed article obtained by dip-forming the dip-forming composition as set forth in claim ~~8 or 9~~7 or 8.