CLAIMS

~~[Claim 1]~~

~~A filtration filter capable of filtering out impurities, the filtration filter comprising:~~

~~a support composed of a fibrous structure; and~~

~~a filtration membrane integrally formed inside the support, the filtration membrane including a porous resin and being capable of filtering out impurities, wherein the filtration membrane includes a porous resin membrane having an average pore size of 0.026 μm and an opening ratio of 6% to 30%.~~

~~[Claim 2]~~

~~The filtration filter according to Claim 1, wherein the support includes a structure having a thickness of 0.03 to 0.5 mm.~~

~~[Claim 3]~~

~~The filtration filter according to Claim 1 or 2, wherein the filtration membrane includes a porous resin having a thickness of 10 to 500 μm.~~

~~[Claim 4]~~

~~The filtration filter according to any one of Claims 1 to 3, wherein the support includes a structure including chemical fibers.~~

~~[Claim 5]~~

~~The filtration filter according to Claim 4, wherein the support includes an aramid resin or a polyethylene terephthalate resin.~~

~~[Claim 6]~~

~~The filtration filter according to any one of Claims 1~~

~~to 5, wherein the filtration membrane includes polysulfone (PSF), polyvinylidene fluoride (PVDF), polyethersulfone (PES), polyimide (PI), polyvinyl chloride (PVC), or cellulose acetate (CA).~~

[Claim ~~7~~ 1]

A method for producing a filtration filter capable of filtering out impurities, the method comprising:

impregnating a support composed of a fibrous structure with a resin solution prepared by dissolving a predetermined resin in a predetermined solvent, and immersing the support in a nonsolvent liquid in order to cause a phase separation phenomenon in which the solvent included in the resin solution is replaced with the nonsolvent liquid and thereby integrally form a filtration membrane inside the support, the filtration membrane including a porous resin and being capable of filtering out impurities.

[Claim ~~8~~ 2]

The method for producing a filtration filter according to Claim ~~7~~ 1, wherein the filtration membrane includes a porous resin membrane having an opening ratio of 6% to 30%.

[Claim ~~9~~ 3]

The method for producing a filtration filter according to Claim ~~7~~1 or ~~8~~ 2, wherein the support includes a structure having a thickness of 0.03 to 0.5 mm.

[Claim ~~10~~ 4]

The method for producing a filtration filter according to any one of Claims ~~7~~1 to ~~9~~ 3, wherein the filtration membrane includes a porous resin having a thickness of 10

to 500 μm.

[Claim ~~11~~ 5]

The method for producing a filtration filter according to any one of Claims ~~7~~1 to ~~10~~ 4, wherein the support includes a structure including chemical fibers.

[Claim ~~12~~ 6]

The method for producing a filtration filter according to Claim ~~11~~ 5, wherein the support includes an aramid resin or a polyethylene terephthalate resin.

[Claim ~~13~~ 7]

The method for producing a filtration filter according to any one of Claims ~~7~~1 to ~~12~~ 6, wherein the filtration membrane includes polysulfone (PSF), polyvinylidene fluoride (PVDF), polyethersulfone (PES), polyimide (PI), polyvinyl chloride (PVC), or cellulose acetate (CA).