CLAIMS

1. A textile sizing agent comprising polyvinyl alcohol, starch and wax, wherein

the polyvinyl alcohol has a viscosity-average polymerization degree of 200 to 5000 and a saponification degree of 70 to 99.5 mol%;

a mass ratio of the polyvinyl alcohol to the starch is 90/10 to 1/99;

a content of the wax is 0.5 to 20 % by mass based on the total amount of solid; and

in an aqueous dispersion at 70 °C prepared from the textile sizing agent with a solid concentration of 10 % by mass, an average particle size (X) of the wax is 0.1 to 50 μm;

wherein the viscosity-average polymerization degree and the saponification degree are measured in accordance with JIS K6726:1994.

2. The textile sizing agent according to Claim 1, wherein for the aqueous dispersion with a solid concentration of 10 % by mass, an average particle size (X) of the wax at 70 °C and an average particle size (Y) of the wax at 20 °C meet the following formula (I).

$$0.05 \leq X/Y \leq 0.8 \qquad (I)$$

3. The textile sizing agent according to Claim 1 or 2, wherein the wax comprises a petroleum wax.

4. The textile sizing agent according to any of Claims 1 to 3, wherein the starch is modified starch.

5. A warp sized using the textile sizing agent according to any of Claims 1 to 4.

6. A process for producing a fabric, comprising weaving the warps according to Claim 5 and wefts using a loom.