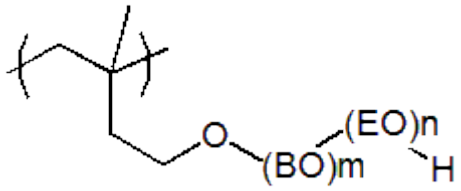
What is claimed is

1. A modified vinyl alcohol-based polymer having at least one monomer unit represented by the following general formula (I) and a modification rate of from 0.01 mol% to 10 mol%:
general formula (1):



in which BO represents an oxybutylene unit; EO represents an oxyethylene unit; and each of m and n is a number of repeating unit of the respective oxyalkylene units; $1 \leq m \leq 10$; and $1 \leq n \leq 60$.

2. The modified vinyl alcohol-based polymer according to claim 1, wherein the modified vinyl alcohol-based polymer has a viscosity average polymerization degree of from 300 to 5000.

3. The modified vinyl alcohol-based polymer according to claim 1 or 2, wherein the modified vinyl alcohol-based polymer has a saponification degree of from 60 mol% to 99.9 mol%.

4. The modified vinyl alcohol-based polymer according to any one of claims 1 to 3, wherein the modified vinyl alcohol-based polymer has a saponification degree of from 65 mol% to 80 mol%.

5. A dispersion stabilizer for suspension polymerization, comprising the modified vinyl alcohol-based polymer according to any one of claims 1 to 4.

6. A method for producing a vinyl resin, comprising: dispersing a vinyl-based compound monomer or a mixture of the vinyl-based compound monomer and a monomer that is copolymerizable with the vinyl compound monomer in water with the dispersion stabilizer for suspension polymerization according to claim 5, and carrying out suspension polymerization.