CLAIMS

Claim 1. A polyvinyl acetal resin having a water absorption per unit area of 2 mg/cm^2 or greater, and 50 mg/cm^2 or less when formed into a film having a thickness of 10 μm, and a hydroxy group content of 35 to 85 mol% and a hydroxy group half-width quantified by IR measurement of 280 to 420 cm^{-1}.

Claim 2. The polyvinyl acetal resin according to claim 1, having an acetal group content of 1 to 50 mol%.

Claim 3. The polyvinyl acetal resin according to any one of claims 1 to 2, having an average degree of polymerization of 200 to 5,000.

Claim 4. The polyvinyl acetal resin according to any one of claims 1 to 3, which is an acetalized product of a polyvinyl alcohol resin having a degree of saponification of 75 mol% or greater.

Claim 5. The polyvinyl acetal resin according to any one of claims 1 to 4, having a water absorption per unit area of 2 mg/cm^2 or greater and 50 mg/cm^2 or less when formed into a film having a thickness of 10 μm, an average degree of polymerization of 200 to 5,000, a hydroxy group content of 35 to 85 mol%, an acetyl group content of 5 to 18 mol% and a hydroxy group half-width quantified by IR measurement of 280 to 420 cm^{-1}.

Claim 6. A slurry composition comprising:
the polyvinyl acetal resin according to any one of claims 1 to 5;
magnetic material powder; and
a solvent.