

CLAIMS

1. A method for recycling an abrasive from a used cerium oxide based abrasive for glass containing a flocculant, characterized in that the method comprises the steps
5 of: adjusting the pH of a slurry of the used cerium oxide based abrasive for glass containing a flocculant to be within the range of from 10.0 to 14.0, and then adjusting the pH of the slurry to be within the range of from 1.0 to 3.0.
2. The method for recycling an abrasive according to claim 1, characterized in that a hydroxide or a carbonate of an alkali metal or an alkaline earth metal is used as a
10 pH adjustor for adjusting the pH to be within the range of from 10 to 14.
3. The method for recycling an abrasive according to claim 1 or 2, characterized in that hydrochloric acid, nitric acid, phosphoric acid, or sulfuric acid is used as a pH adjustor for adjusting the pH to be within the range of from 1.0 to 3.0.
4. The method for recycling an abrasive according to any one of claims 1 to 3,
15 characterized in that sodium hydroxide is used as a pH adjustor for adjusting the pH to be within the range of from 10 to 14.
5. The method for recycling an abrasive according to any one of claims 1 to 4, characterized in that hydrochloric acid is used as a pH adjustor for adjusting the pH to be within the range of from 1.0 to 3.0.
- 20 6. A recycled abrasive for glass, which is obtained by the method for recycling an abrasive according to any one of claims 1 to 5.

CLAIMS

1. A method for recycling an abrasive from a used cerium oxide based abrasive for glass containing a flocculant, characterized in that the method comprises the steps
5 of: adjusting the pH of a slurry of the used cerium oxide based abrasive for glass containing a flocculant to be within the range of from 10.0 to 14.0, and then adjusting the pH of the slurry to be within the range of from 1.0 to 3.0.
2. The method for recycling an abrasive according to claim 1, characterized in that a hydroxide or a carbonate of an alkali metal or an alkaline earth metal is used as a
10 pH adjustor for adjusting the pH to be within the range of from 10 to 14.
3. The method for recycling an abrasive according to claim 1 or 2, characterized in that hydrochloric acid, nitric acid, phosphoric acid, or sulfuric acid is used as a pH adjustor for adjusting the pH to be within the range of from 1.0 to 3.0.
4. The method for recycling an abrasive according to any one of claims 1 to 3,
15 characterized in that sodium hydroxide is used as a pH adjustor for adjusting the pH to be within the range of from 10 to 14.
5. The method for recycling an abrasive according to any one of claims 1 to 4, characterized in that hydrochloric acid is used as a pH adjustor for adjusting the pH to be within the range of from 1.0 to 3.0.
- 20 6. A method for producing a recycled abrasive for glass characterized in that the recycled abrasive for glass is obtained by the method for recycling an abrasive according to any one of claims 1 to 5.