post-crosslinking treatment in the dehydration step.

~~11. A water-absorbent resin obtainable by the method for producing a water-absorbent resin as defined in any one of claims 1 to 4.~~

~~12. The water-absorbent resin according to claim 11, wherein the content of residual monomers is 100 ppm or less.~~

~~13. The water-absorbent resin according to claim 12, which is in powdery form having a mass average particle size of 200 to 600 μm and has a retention capacity of saline solution of 40 to 60 g/g and an absorption capacity of saline solution under a load of 4.14 kPa of 20 ml/g or more.~~

~~14. A hygienic material comprising a liquid-permeable sheet, a liquid-impermeable sheet, and an absorbent material retained between these sheets,~~

~~wherein the absorbent material comprises the water-absorbent resin as defined in claim 11.~~

~~15. The hygienic material according to claim 14, wherein the absorbent material is a composite of the water-absorbent resin and a hydrophilic fiber.~~