

## Research of the Fabrication Process of Porous Anodic Aluminum Oxide Nanotemplate

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The Anodic Aluminum Oxide template is a promising option for the fabrication of one-dimensional nano-materials application because of its regular structures and high pore density.

In this experiment, we created the pores of various size and depth by changing several conditions on 40nm sized pores which have been passed two phase of anodization, and continuously observed its change. In addition, we observed surface roughness of Al after Ar plasma treatment.

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