

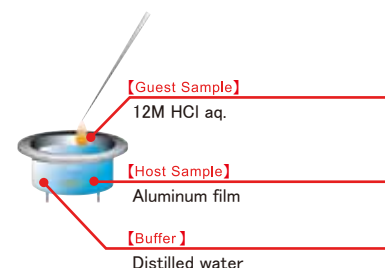
Application Note

B-06

Acid corrosion resistance of Aluminum thin film

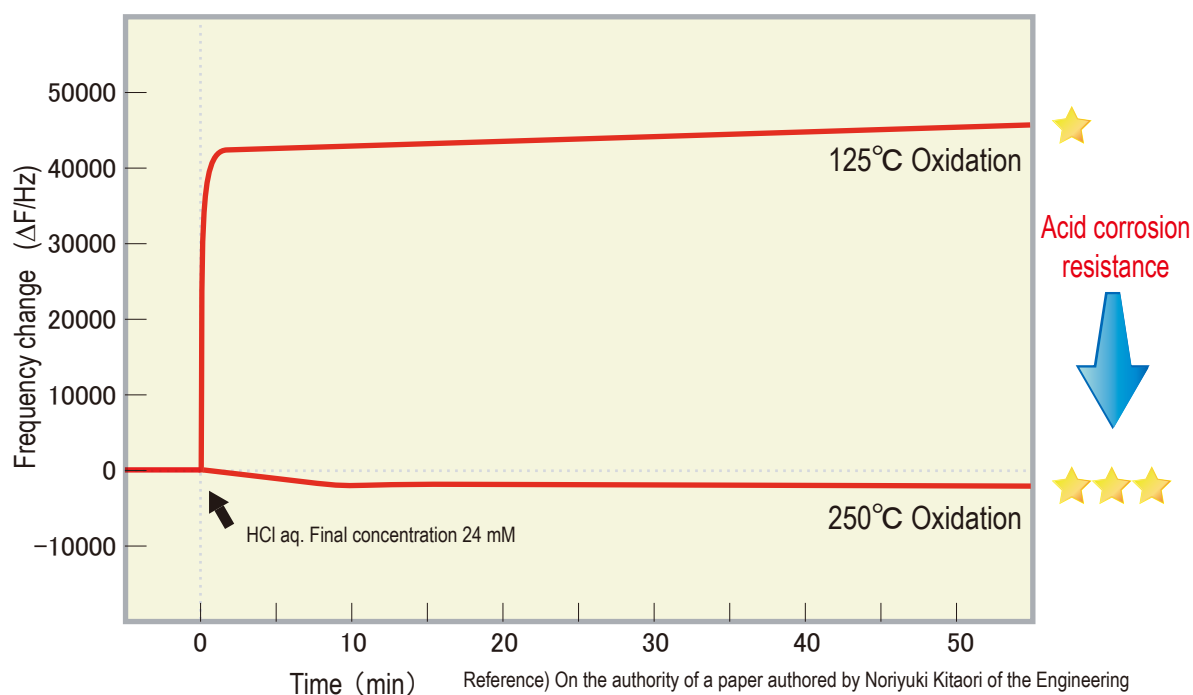
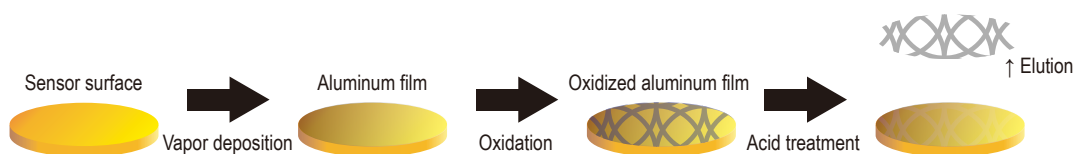
Materials

1. Aluminum
*One hour oxidized at 125°C and 250°C after vapor deposition
2. HCl aq.



Results

1. Oxidation at 250°C makes aluminum corrosion resistant.
2. Acid resistance of aluminum films at higher oxidation temperatures.



Applications

1. Evaluation of solubility and corrosion resistance for metal and metal oxide layers.
2. Evaluation of inorganic materials for immobilization of vapor deposition.
3. Evaluation of devices.