

Under L/S=5/5um
Dry Film Photo Resist for SAP
ALPHO NIT8025 / ALPHO NIT8125

We, Nikko-Materials Co., Ltd.(Head office: Yokohama-shi Kanagawa, CEO: Mingsyong Yang), will start promotion of Dry Film Photo Resist ALPHO NIT8025 and ALHO NIT8125 for fine circuit formation of IC substrate from June 2019.

Product name : ALPHO NIT8025, ALPHO NIT8125
Applicable process : SAP (Semi Additive Process)
Capable L/S : Under 5/5um

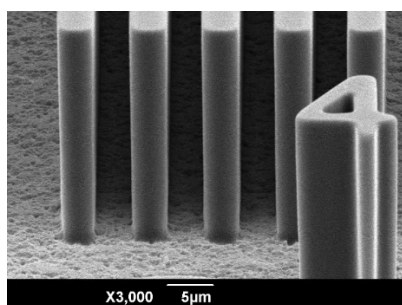
■Background of development

Nikko-Materials has been selling and developing Dry Film Photo Resist with high resolution and high adhesion for SAP application. It is projected that substrates are going to be thinner and flatter for FC BGA in future.

When substrates are thinner and flatter, it is more difficult to get good yield for fine circuit since thin substrates are easily effected by the transportation stress during process. And maintaining excellent adhesion on flat surface with those stress is challenging.

Nikko-Materials have developed ALPHO NIT8025 and NIT8125 to solve these technical difficulties. The products have high flexibility to absorb the transportation stress while having excellent adhesion.

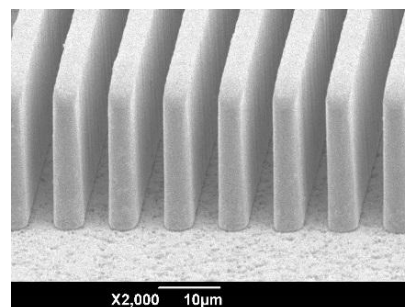
■Characteristic introduction



ALPHO NIT8125

Projection exposure

After developing L/S=4/4um

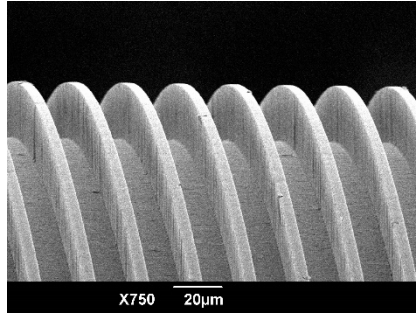


ALPHO NIT8125

Projection exposure

After plating L/S=4.5/4.5um

Cooperation for exposure : USHIO INC.



ALPHO NIT8025

Projection exposure

Bending base material with developed resist

L/S=4.5/18um

■Promotion schedule

From June 2019, we will introduce the products and provide samples for customer evaluation.

■Company profile

Company name	: Nikko-Materials Co.,Ltd.
Representative	: Representative Director, Mingshyong Yang
Office Location	: 5F, Concurred Yokohama, 3-1, Kinko-cho,Kanagawa-ku, Yokohama-shi, Kanagawa 〒221-0056, Japan
Established	: September 1997
Description of Business	: Manufacturing and sales of dry film photoresist, equipment and related products
Capital	: 406 million yen
URL	: http://www.nikko-materials.com

■Inquiry about this information

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