



RS 7000 Resist Stripper

DESCRIPTION

RS7000 RESIST STRIPPER is formulated to strip aqueous dry film photo-resist. It contains antitarnish agents designed to protect both aluminum and copper surfaces. RS7000 can also be used in a batch mode. As RS7000 becomes saturated with resist, it may become necessary to add a suitable de-foamer such as BB300.

OPERATING PARAMETERS

Make-Up	10-15% diluted with water
Temperature	125-140°F (52-60°C)
Immersion Time	30 seconds- 2 minutes in batch mode. Two tanks recommended. Follow 50% or lower break point in horizontal mode
Process	Horizontal or batch
Agitation	Mechanical in batch mode
Ventilation	Advised
Tanks	Polypropylene, Polyethylene, PVC
Racks and Baskets	PVC Coated
Heaters	Stainless steel or quartz heater. Stainless steel cooling coil recommended
Filtration	Recommended to extend solution life.

PHYSICAL PROPERTIES

Specific gravity	1.01 to 1.03
Appearance	Clear-amber liquid
pH	>12
Odor	Amine odor
Flash Point	>200F

CONTROL PROCEDURES

Replenishment can be done by pH control and/or sq. ft./gal. Photo-resist dissolved pH should be controlled between 10-12.



ANALYSIS

Reagents and equipment needed

0.1N HCl
Bromothymol Blue Indicator
2 ml pipet
50 ml burette
250 ml Erlenmeyer Flask

Procedure

1. Pipet a 2-ml sample from the working bath into a 250-ml flask and add 50-75 mLs of DI water.
2. Add 8-10 drops of Bromothymol blue indicator.
Note: the indicator color change is blue to yellow
3. Titrate with 0.1N Hydrochloric acid to the yellow endpoint.
4. Calculation:

RS7000 content (% vol) = (ml of 0.1N HCl) x 0.56

SAFETY AND STORAGE

RS7000 is alkaline and should be handled with care. Use protective eyewear and chemically resistant gloves. Avoid open flames. Do not store in direct sunlight, high temperature or below freezing.

WASTE TREATMENT

Please ask a Florida CirTech technical sales representative for more information regarding waste treatment of this chemistry and our complete line of waste treatment line if additional help or information is desired.

MISCELLANEOUS

Available in 5-gallon pails and 55-gallon drums. Consult MSDS sheet for additional information.