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A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

366-G HEAVY DUTY ALUMINUM ETCH

ACCU-LABS 366-G is a new development in the field of alkaline etching compounds. It was specifically developed to impart a fine; smooth, non-grainy etch on aluminum surfaces.

ACCU-LABS 366-G is being used extensively for the etching of aluminum extrusions before anodizing on production lines where great quantities of aluminum are etched daily and long tank life is an important factor for economical operation.

Due to its high degree of chelation, ACCU-LABS 366-G can retain an excess of aluminum in solution and can be used for longer periods before it is necessary to dump the tank. It is recommended that it be used at the temperatures indicated to prevent surface graining while obtaining optimum etching.

OPERATING GUIDELINES

Concentration	4 to 6 ounces per gallon of water
Temperature	135 to 145° F
Tank	Mild steel

ANALYTICAL PROCEDURE

10 ml sample diluted to 50 ml with DI water
10 drops phenolphthalein indicator
Titrate with 1.00 N HCl or H₂SO₄ to colorless endpoint; this is A.
Add 3 g KF and continue titrating to second endpoint, titration B.
Etch (oz/gal) equals $0.58 \times (A - (B \times .33))$

HANDLING CONSIDERATIONS

Accu-Labs 366-G and its solutions are highly alkaline. Personal protective equipment should be used when handling or working with this product. Reading the MSDS prior to use is highly recommended.

NOTICE OF NON WARRANTY

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