

PMD ALCHROMATE

PRE-DIP

INTRODUCTION

PMD Alchromate Pre-dip is an extremely effective immersion process, specifically designed to remove smut which can form on the surface of aluminium during etching. PMD Alchromate Pre-dip is used prior to PMD Alchromate Chromate conversion process.

BENEFITS

Easy to use
Low process times
Prepares ideal surface for Chromate Conversion
Long lasting

SOLUTION MAKE-UP

PMD Alchromate Pre-Dip 100%

OPERATING DATA

Temperature 20 - 30° C
Time 30 seconds - 2 minutes
Extraction Recommended

EQUIPMENT

Tanks Polypropylene, Polyethylene, Unplasticised PVC.
Heaters Teflon coated, PTFE with thermostatic control.

If in any doubt as to the compatibility of equipment contact PMD (UK) Limited Technical Department.

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INSTALLATION

Ensure that the equipment to be used for PMD Alchromate Pre-Dip is thoroughly clean before any product is added.

1. Fill the equipment with the appropriate volume of PMD Alchromate Pre-Dip.
2. Heat to operating temperature.

PROCESS SEQUENCE

1. Clean using a mild cleaner such as PMD Cleaner 707 or PMD Cleaner 505.
2. Rinse.
3. Alkaline etch, if required, using PMD 606 cleaner.
4. Rinse.
5. De-smut, if required, using PMD Alchromate Pre-dip.
6. Rinse.
7. PMD Alchromate.
8. Rinse (Drag out)
9. Rinse
10. Dry in warm air, maximum 50°C
11. Where applicable, apply the appropriate coating as soon as possible.

MAINTENANCE AND CONTROL

PMD Alchromate Pre-Dip is normally used to exhaustion and then replaced.

ANALYSIS METHOD

Reagents

1.0N Sodium Hydroxide (Standard Volumetric Solution).
Phenolphthalein Indicator.

Method

1. Pipette a 2ml sample of the working solution into a 250ml conical flask.
2. Add 50ml of deionised water and mix well.
3. Add 2-3 drops of Phenolphthalein Indicator and mix well.
4. Titrate with 1.0N Sodium Hydroxide to a pink end point.
5. Record Titre = t mls.

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Calculation

t x 6.67 = % v/v PMD Alchromate Pre-Dip.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products or families of products are referred to in this data sheet.

<u>Product Name</u>	<u>Product Number</u>
PMD Alchromate Concentrate	237003
PMD Cleaner 505	206001
PMD Cleaner 606	206002
PMD Cleaner 707	205003
PMD Alchromate Pre-Dip	237004

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