

AEROSPACE MATERIAL SPECIFICATION

Submitted for recognition as an American National Standard

Plating, Brush, Copper General Purpose

1. SCOPE:

1.1 Purpose:

This specification establishes the engineering requirements and process controls for brush plating of copper by electrodeposition. It should be used, in conjunction with AMS 2451, for general purpose copper deposits.

1.2 Application:

This process is used typically to repair damaged, worn, or mismachined parts and as a stop-off in carburizing and nitriding but usage is not limited to such applications.

1.3 Safety - Hazardous Materials:

See AMS 2451.

2. APPLICABLE DOCUMENTS:

See AMS 2451.

3. TECHNICAL REQUIREMENTS:

The requirements of AMS 2451 shall apply as herein amended.

3.1 Procedure:

3.1.1 Copper shall be electrodeposited from an alkaline or acid brush plating solution in accordance with processing instructions from the solution manufacturer.

4. QUALITY ASSURANCE PROVISIONS:

See AMS 2451.

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