DIN 50916-2:2023-07 (E)

Testing of copper alloys - Stress corrosion cracking test using ammonia - Part 2: Testing of components

Contents

Page

Foreword ... 3
Introduction ... 4
1 Scope ... 5
2 Normative references ... 5
3 Terms and definitions ... 5
4 Apparatus ... 5
5 Reagents and test solutions ... 5
5.1 General ... 5
5.2 Test solutions ... 6
5.3 Preparation of test solutions ... 6
6 Test pieces and their preparation ... 6
6.1 Type ... 6
6.2 Number ... 7
6.3 Pretreatment ... 7
7 Test duration ... 7
8 Procedure ... 7
8.1 Standard test method ... 7
8.2 Deviating test methods for comparative material testing ... 8
8.3 Assessment and evaluation ... 8
8.3.1 General ... 8
8.3.2 Assessment method 1 ... 8
8.3.3 Assessment method 2 ... 8
9 Test report ... 8
Bibliography ... 10

Tables

Table 1 — pH values of the test solution depending on temperature ... 6
Table 2 — Test duration ... 7