

DIN EN ISO 9455-16:2020-02 (E)

Soft soldering fluxes - Test methods - Part 16: Flux efficacy test, wetting balance method (ISO 9455-16:2019)

Contents	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Symbols	5
5 Principle	6
6 Reagents	6
7 Apparatus	6
8 Test pieces	7
9 Procedure	7
9.1 Preparation of the test pieces.....	7
9.1.1 Cleaning.....	7
9.1.2 Ageing the surface by sulfidation process.....	7
9.1.3 Steam ageing the surface.....	7
9.1.4 Damp-heat, steady-state ageing.....	7
9.2 Test method.....	7
10 Reference value using standard flux	8
11 Presentation of results	9
12 Calculation and expression of results	10
13 Test report	11
Annex A (normative) Method for the preparation of standard rosin (colophony) based liquid fluxes having 25 % (by mass) non-volatile content	12
Annex B (normative) Method for the production of test pieces with a controlled-contaminated surface for the wetting balance test (artificial sulfidation method)	14
Bibliography	23