

# DIN EN ISO 9455-16:2013-08 (E)

## Soft soldering fluxes - Test methods - Part 16: Flux efficacy test, wetting balance method (ISO 9455-16 :2013)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Symbols .....</b>	<b>4</b>
<b>4</b>	<b>Principle .....</b>	<b>5</b>
<b>5</b>	<b>Reagents .....</b>	<b>5</b>
<b>6</b>	<b>Apparatus .....</b>	<b>5</b>
<b>7</b>	<b>Test pieces .....</b>	<b>6</b>
<b>8</b>	<b>Procedure .....</b>	<b>6</b>
<b>8.1</b>	<b>Preparation of the test pieces .....</b>	<b>6</b>
<b>8.2</b>	<b>Test method .....</b>	<b>6</b>
<b>9</b>	<b>Reference value using standard flux .....</b>	<b>7</b>
<b>10</b>	<b>Presentation of results .....</b>	<b>7</b>
<b>11</b>	<b>Calculation and expression of results .....</b>	<b>9</b>
<b>12</b>	<b>Test report .....</b>	<b>10</b>
<b>Annex A (normative) Method for the preparation of standard rosin (colophony) based liquid fluxes having 25 % (by mass) non-volatile content .....</b>		<b>11</b>
<b>Annex B (normative) Method for the production of test pieces with a controlled-contaminated surface for the wetting balance test (artificial sulfidation method) .....</b>		<b>13</b>