DIN EN ISO 15091:2013-04 (E)

Paints and varnishes - Determination of the electrical conductivity and resistance (ISO 15091:2012)

Contents

Page

Foreword ... 3

1 Scope ... 4

2 Normative references ... 4

3 Terms and definitions ... 4

4 General ... 6
4.1 Measurement of the resistance ... 6
4.2 Avoidance of electrolysis and polarization effects ... 7

5 Apparatus ... 8
5.1 Measuring instrument ... 8
5.2 Measuring cell ... 8

6 Sampling ... 8

7 Procedure ... 8
7.1 Test conditions ... 8
7.2 Viscosity of test sample ... 9
7.3 Number of determinations ... 9
7.4 Measurement of the electrical resistance or the electrical conductivity ... 9

8 Expression of results ... 9

9 Precision ... 9

10 Test report ... 10

Annex A (normative) **Calibration** ... 11

Annex B (informative) **Dependence of the conductivity on the measurement temperature** ... 13

Bibliography ... 14