DIN EN ISO 787-25:2019-06 (E)

General methods of test for pigments and extenders - Part 25: Comparison of th e colour, in full-shade systems, of white, black and coloured pigments - Colorimetric method (ISO 787-25:2019)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Principle ... **6**

5 Materials ... **6**
5.1 Alkyd resin (binder) ... 6
5.2 Fumed silica ... 6
5.3 Preparation of the test medium ... 7

6 Apparatus ... **7**

7 Sampling ... **9**

8 Procedure ... **9**
8.1 General ... 9
8.2 Test portion ... 9
8.2.1 Generals ... 9
8.2.2 White pigments ... 9
8.2.3 Coloured and black pigments ... 9
8.3 Preparation of pigment dispersions ... 9
8.4 Preparation of test specimens ... 10
8.4.1 General ... 10
8.4.2 White pigments ... 10
8.4.3 Coloured and black pigments ... 10
8.5 Measurement ... 10

9 Expression of results ... **11**
9.1 White pigments and black pigments ... 11
9.1.1 Relative hue ... 11
9.1.2 Amount of relative hue ... 12
9.2 Lightness difference ... 12
9.3 Coloured pigments ... 12

10 Test report ... **12**

Bibliography ... **13**