

ISO/TR 11594:2022-05 (E)

Best practices for the creation/evaluation of fingerprint analysis in accordance with the ISO 28199 series

Contents	Page
Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Review of previous developments	1
5 General quality requirements for the creation of a standard test panel	2
6 Current evaluation methods	3
7 Selected examples for the graphical presentation of measured quantities from various measuring tables	3
8 Test panels	5
9 Materials for FAS panels	5
10 Wedge layers	6
11 Possible methods for creating wedge layers	7
11.1 Through dynamic path distance.....	7
11.2 Through dynamic changing of the quantity of paint (paint flow quantity).....	8
11.3 Through dynamic changing of the tip velocity.....	9
12 Further information on wedge-shaped coating	11
13 Measuring tables	12
14 Current state-of-the-art technology for measuring devices	14
14.1 Film thickness measuring devices.....	14
14.2 Colour-measurement devices.....	15
14.3 Measuring devices for determining surface structure.....	15
14.4 Measuring devices for determining mottling.....	15
15 Monitoring of test equipment	15
16 Software	16
17 Visual evaluation of test panels	17
17.1 General.....	17
17.2 Illumination chamber for the visual assessment of standard X-Y measuring table panels, taking into account the specifications in ISO 3668.....	17
17.2.1 Aim.....	17
17.2.2 Dimensions (example).....	18
17.3 Possible items of equipment (illumination in accordance with ISO 3668).....	18
17.3.1 Fluorescent tubes.....	18
17.3.2 Yellow halogen lamp and daylight lamps.....	19
17.4 Process steps.....	21
18 Result from interlaboratory testing to demonstrate precision	22
Bibliography	25