ISO 19307:2026-05 (E)

Graphic technology - Measurement and one-parameter representation of translucency

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Requirements ... **2**

4.1 Background of translucency perception ... 2

4.2 Determining translucency alpha ... 3

4.2.1 General ... 3

4.2.2 Material and Sample Preparation ... 4

4.3 Colorimetric measurement ... 4

4.4 Simulating colorimetric measurements of virtual reference materials ... 5

4.5 Computing translucency alpha for real materials ... 6

4.6 Adjusting translucency alpha for scaled models ... 7

5 Test report ... **8**

Annex A (informative) **Matching translucency for scaled models** ... **9**

Bibliography ... **11**