# ISO 7759:2010-09 (E)

## Anodizing of aluminium and its alloys - Measurement of reflectance characteristics of aluminium surfaces using a goniophotometer or an abridged goniophotometer

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 1

4 Principle ..... 1

5 Apparatus ..... 2

6 Preparation and calibration of apparatus ..... 5
6.1 General conditions ..... 5
6.2 Geometric conditions ..... 5
6.3 Spectral conditions ..... 6
6.4 Calibration ..... 6

7 Procedure ..... 6

8 Expression of results ..... 6
8.1 General ..... 6
8.2 Specular reflectance Rs ..... 6
8.3 Distinctness of reflected image Ri ..... 6
8.4 Narrow-angle haze Hn ..... 6
8.5 Wide-angle haze Hw ..... 6
8.6 Diffuseness Rd ..... 7
8.7 Directionality Dh ..... 7

9 Test report ..... 7

Annex A (informative) Precision and accuracy of goniophotometers ..... 8

Bibliography ..... 9