

SRI LANKA STANDARD 1256 : PART 18 : 2005
UDC 667.612

METHODS OF
TEST FOR PAINTS AND VARNISHES
PART 18 : MEASUREMENT OF SPECULAR GLOSS OF
PAINT FILMS

SRI LANKA STANDARDS INSTITUTION

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**SLS 1256 : Part 18 : 2005
(Superceding SLS 535 : Part 4 : Section 4.3 : 1981)**

Gr. 4

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METHODS OF TEST FOR PAINTS AND VARNISHES
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FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication by the council of the Sri Lanka Standards Institution on 2005-09-08.

This standard was published in 1981 which superceded **CS 70 : 1969**. In this revision each test method is given as a separate part in order to facilitate updating. This standard supercedes **SLS 535 : Part 4** Tests associated with optical tests on paint films – section **4.3** Measurement of specular gloss of paint films

1 SCOPE

This part of the standard specifies a method for measuring of specular gloss of paints, varnishes or allied products.

2 REFERENCES

- SLS 489 Glossary of terms for paints
- SLS 523 Methods of sampling paints
- SLS 1256 Methods of test for paints
Part 11 : Standard panels for testing

3 PRINCIPLE

3.1 The gloss (specular reflection value) of paints, varnishes or allied products is determined by comparison against a gloss standard.

4 APPARATUS

4.1 Test panel

4.1.1 Gloss panels as specified in **SLS 1256 : Part 11 : Section 1** at least 3 mm thick shall be used as the substrate, unless specified otherwise.

4.1.2 The material shall be applied by means of a spreading device (see **3.2**). The film of paint shall be uniform, 0.05 mm thick in the wet state, and at least 75 mm x 75 mm in size.