

KES

Measuring Test of Color of Paint (II)

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1. Scope of Application

This standard, using a data of triple magnetic pole of chromatic graph, shall regulate a test method to measure a color of non-fluorescent sample by a measurer of 1931 CIE (ICI International Lightness Association) standard and a standard source of light C of KS A 0061 (Indication method of color by XYZ color index diagram and $X_{10} Y_{10} Z_{10}$ color index diagram)

2. Definition

- 2.1 Color tone: Refer to testing method (Regulation of color of paint I)
- 2.2 Non-agreed reflexivity : Refer to testing method (Regulation of color of paint I)
- 2.3 Triple magnetic pole filter set: The filter set is designed to express a response value of an accommodation machine of regulated source of light, which measures a value of spectrum triple magnetic pole of the CIE standard measurer for the source of light C.

3. Equipment

- 3.1 Construction : As a tool, which examines and collects the light under geometrically controlled condition, it is composed of a glow light, one or more photoelectric tubes, and the proper triple magnetic pole filter set.
- 3.2 Irradiation and light collecting condition

Refer to testing method (Regulation of color of paint I)

3.3 Triple magnetic pole filter set

Since scales of the color index diagram for the filter set is directly proportional to the CIE triple magnetic pole values X. Y. Z, it is designed to express the response value of the source of light, the filter and the photoelectric tube, or express the response value from the scales of the color index diagram by deriving the CIE triple magnetic pole value.