KES

Method of Test for Specular Gloss of Paints

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Quoted Standard

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1. Scope of Application

This shall regulate measurement method for specular gloss of non-metal test sample with gloss meter at the incident and light receiving angle of 60 ° , 20 ° and 85 ° .

2. Measurement Instrument and Condition

2.1 Measurement instrument

Use gloss meter operated according to the theory as shown in figure 1. This shall consist of support for light source test plate and light receiver and incident angle shall be θ and light receiving angle shall be specular surface reflecting angle to incident angle.

Light source receiving part

Light source θ θ light receiver S_1 S_2 B_1 B_2 0 L_1 L_2 a_1 a_2 a_1 a_2

Fig. 1 Measurement instrument for specular surface gloss

2.2 Measurement condition

Condition of measurement instrument should be as table 1.

Spectral distribution from light source shall be spectral distribution $H\lambda$ ([1]) of standard light 'C' and spectral sensitivity of light receiver shall be used as spectral triangular value $Y\lambda$ ([2]).

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