

KES

Test Method of Humidity
Cabinet for Grease

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1. Epitome

Measure the amount of rust after hanging the steel plate, which the treatments or on, for regulated time under the condition of 45 °C in temperature and over 95% humidity.

2. Equipment and tools

(1) Test piece

In principal, adjust the first class of cold rolling steel plate. But, according to the applying material, the test material is changeable.

(2) Humidity

Use Humidity Cabinet Tester.

(3) Rust measuring instrument

Follows KS M 2196 (Rust measuring method).

3. Making the test piece

(1) Cut in 60 × 80mm, and 1.0 ~ 2.0mm thick, and punch ϕ 2 holes on the upper corner.

(2) Polish both sides of the test piece in dry state, using E240 of KS L 6002 (Polisher), also polish the corners to become round.

(3) Deposit the polished test piece in order of heated Naphtha, and heated Methanol, and than dry it. If the test piece is not going to be used for the test right away, keep it in the desiccator, and if it goes 24 hours after, polish it again.

(4) Spread the test treatment by pushing hardly on the polished and dried test piece. The amount of treatment should be 0.3 ± 0.5 gr even.

4. Test method

(1) Keep the test piece, which the treatments are on, hanging vertically in the Humidity Cabinet in regulated temperature and humidity, for regulated time.