

KES

Testing Method of Flexibility
for Organic Coating Materials

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Additional Rule



1. Scope of Application

This standard shall regulate method to test flexibility of various organic coating materials.

2. Product Standard

Following contents shall conform to product standard.

2.1 Property and size of testing plate (Refer to 3.1)

2.2 Applying method and thickness of organic coating materials

2.3 Coating method of testing plate

2.4 Diameter of iron bar able to bend coated testing plate completely (Refer to 3.2)

2.5 Dry method of coated testing method

(1) At natural drying : Temperature, relative humidity and time

(2) At heated drying : Temperature and time

(3) At natural drying and heated drying : Temperature and time

3. Material

3.1 Testing plate

Testing plate shall be plate assigned to product standard or cold rolling steel sheet, tin sheet, aluminum sheet and circular sheet.

3.2 Mandrel (Rolling bar)

Thing of which diameter is between 0.317 and 254 cm as a steel bar of which surface to be able to fix rigidly with adequate support is smooth and straight.

4. Testing Method

Dry according to product standard through coating to testing plate with assigned thickness by film applicator or spray. (Refer to 2.5)