

KES

Testing Methods for Coating

KES T-L017B

(EST.) 1985 - 09 - 16

(REV.) 1987 - 01 - 20

(REV.) 1992 - 03 - 20

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 KIA MOTORS

1. Scope of Application

This standard specifies the various test method for the coating parts.

2. Specimen

For the test specimen, the product or the sample taken from the product shall be used.

To use other test samples, obtain the approval from the department in charge of the material test or the inspection of our company.

3. Testing Method

3.1 Visual inspection method

There should not be the background color and use the standard light C according to KS A 0061(Color indication method by XYZ system).

Keep the uniform illumination of about 500 Lux with the distance of about 50 cm.

In the natural status, examine flaw exposure, blister, peeling, pinhole, pit, roughness, stain, spots, soot, clouding, wrinkles, irregularities, polishing tracks, deformation by polishing, flaws, flaws by scratching, colored stain, and luster with naked eyes.

For polishing tracks, colored stains and luster, however, compare with the product standardized by the department in charge of testing of our company and the purchasing agreements..

3.2 Adhesiveness testing method

For the test specimen, the product or the sample taken from the product shall be used.

To use other test samples, obtain the approval from the department in charge of the material test or the inspection of our company.

For the test specimen, the product or the sample taken from the product shall be used.

any methods like bending method, winding, test method, V block method, etc.