

JIS

JAPANESE INDUSTRIAL STANDARD

Red Lead (Pigment)

JIS K 5108-1965

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(Chairman: AOYAMA Atojiro)

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Red Lead (Pigment)

K 5108-1965

1. Scope

This standard specifies red lead. Red lead is a red pigment principally composed of red lead oxide (Pb_3O_4).

2. Grades

Red lead shall be graded, depending on its component, into the following 4 grades:

Special	Pb_3O_4 content	97.0 % and over
No. 1	Pb_3O_4 content	96.0 % and over
No. 2	Pb_3O_4 content	93.0 % and over
No. 3	Pb_3O_4 content	80.0 % and over

3. Qualitative Test

Weigh about 0.2 g of the sample into a test tube. Add 5 ml of nitric acid (1+9) and one drop of hydrogen peroxide water and the sample is almost dissolved therein and the solution becomes clear. If hydrogen sulfide is passed through the solution, a black precipitate is produced.

4. Standard Sample

The standard sample shall be prepared in accordance with 2. of JIS K 5101-Testing Method for Pigments.

5. Method of Sampling

The sample shall be taken in accordance with 3. of JIS K 5101.

6. Quality

Red lead shall conform to the quality specified in Table 1 when tested in accordance with 7.