

APPROVED AS
AMERICAN STANDARD
BY THE AMERICAN STANDARDS ASSOCIATION
ASA NO.: K31-1947

Standard Specifications for

REDUCED PARA RED¹



A.S.T.M. Designation: D 264 - 47

ADOPTED, 1928; REVISED, 1939, 1940, 1941, 1947.²

II, p. 146 (D 264 - 47).

Standard Specifications D 264 - 47 were withdrawn June, 1948.

Scope

1. These specifications cover the red pigment commercially known as reduced para red. The pigment may be purchased in the dry form or as a paste in oil.

Composition and Properties

2. (a) *Dry Pigment*.—The pigment shall consist of a mixture of para-nitraniline toner and substrate, made either by precipitating the toner on the substrate or by mixing slurries. Unless otherwise specified by the purchaser, the substrate shall be calcium carbonate. The pigment shall conform to the following requirements:

Pure organic coloring matter (para red), min., per cent.	15
Calcium carbonate, max., per cent.	85
Moisture and other volatile matter, max., per cent.	1.0
Coarse particles (total residue retained on a No. 325 (44-micron) sieve), max., per cent.	1.5

¹ Under the standardization procedure of the Society, these specifications are under the jurisdiction of the A.S.T.M. Committee D-1 on Paint, Varnish, Lacquer, and Related Products.

² Prior to adoption as standard, these specifications were published as tentative from 1927 to 1928, being revised in 1928.

(b) *Paste in Oil*.—The paste in oil shall be a dispersion of the specified pigment in linseed oil. As received it shall not be caked in the container and shall break up readily in oil to form a smooth paint of brushing consistency. It shall mix readily in all proportions, without curdling, with linseed oil, turpentine, or volatile petroleum spirits, or any mixture of these substances. The paste shall conform to the following requirements:

Pigment, min., per cent.	74
Linseed oil, max., per cent.	26
Moisture and other volatile matter, max., per cent.	0.7
Coarse particles and skins (total residue retained on a No. 325 (44-micron) sieve), max., per cent of the dry pigment.	2.0

(c) The mass color and character of the tint formed by mixture with a white pigment shall be the same as, and the strength not less than, that of a reference sample mutually agreed upon by the purchaser and the seller.

Number of Tests

3. Two samples shall be taken at random from different packages from