

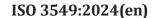
International Standard

ISO 3549

Third edition 2024-02

Zinc dust pigments for paints — Specifications and test methods

Pigments à base de poussière de zinc pour peintures — pécifications et méthodes d'essai





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Foreword

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This document was prepared by Technical Committee ISO/TC 256, *Pigments, dyestuffs and extenders*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 298, *Pigments and extenders*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 3549:1995), which has been technically revised.

The main changes are as follows:

- the maximum residue on the 45 μm sieve has been changed from 5 % mass fraction to 0,5 % mass fraction;
- three types of zinc dust pigments (I, II and III) have been introduced with different requirements;
- inductively coupled plasma-optical emission spectroscopy (ICP-OES) has been added as an analytical technique used for elemental analysis;
- the nominal size of sieve aperture has been changed from 125 μ m 90 μ m 45 μ m to 125 μ m –75 μ m 45 μ m;
- CAS Registry Numbers[®] have been added to the reagents;
- the normative references have been updated;
- a bibliography has been added.

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