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**Splošne metode preskušanja pigmentov in polnil - 24. del: Določanje relativne barvne jakosti barvnih pigmentov in relativne moči sipanja belih pigmentov - Fotometrijske metode (ISO/DIS 787-24:2025)**

General method of tests for pigments and extenders - Part 24: Determination of relative tinting strength of coloured pigments and relative scattering power of white pigments - Photometric methods (ISO/DIS 787-24:2025)

Allgemeine Prüfverfahren für Pigmente und Füllstoffe - Teil 24: Bestimmung der relativen Farbstärke von Buntpigmenten und des relativen Streuvermögens von Weißpigmenten; Photometrisches Verfahren (ISO/DIS 787-24:2025)

Méthodes générales d'essai des pigments et matières de charge Partie 24: Détermination du pouvoir colorant relatif des pigments colorés et du pouvoir diffusant relatif des pigments blancs Méthodes photométriques (ISO/DIS 787-24:2025)

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Pigmenti in polnila

Pigments and extenders

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# DRAFT International Standard

## ISO/DIS 787-24

### General methods of test for pigments and extenders —

Part 24:

### Determination of relative tinting strength of coloured pigments and relative scattering power of white pigments — Photometric methods

*Méthodes générales d'essai des pigments et matières de charge —*

*Partie 24: Détermination du pouvoir colorant relatif des pigments  
colorés et du pouvoir diffusant relatif des pigments blancs —*

*Méthodes photométriques*

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## ISO/DIS 787-24:2025(en)

## Foreword

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This document was prepared by Technical Committee ISO/TC 256, *Pigments, dyestuffs and extenders*.

This third edition cancels and replaces the second edition (ISO 787-24:1985), which has been technically revised.

The main changes are as follows:

- the introduction has been deleted;
- the normative references have been updated;
- in [Clause 3](#) the definitions have been update and, where necessary, aligned with ISO 18451-1;
- in [Clause 4.2](#) and [8.1.4](#) the method was opened to other tinting strength criterion, including a reference to ISO 18314-2;
- the notes on the commercial availability of white pigment paste and black pigment paste and the references to that note have been deleted;
- in [Clause 5](#) former notes 2, 3 and 4 have been included in the main text;
- the headers for the first two columns in [Table 1](#), [Table 2](#) and [Table 3](#) in [Clause 5](#) were added, i.e. characteristic and requirement;
- the characteristic “nigrometer index value” and its requirement in [Clause 5](#) have been changed to “blackness value  $M_Y$ ” for the characteristic and to “203 to 215” for the requirement, and ISO 18314-3 has been added as test method for carbon black pigment ([Clause 5](#), [Table 2](#));
- the characteristic “volatile matter content” has been changed to “matter volatile at 105 °C” for carbon black pigment ([Clause 5](#), [Table 2](#));
- the requirement for “specific surface area (BET)” has been changed to “25 m<sup>2</sup>/g to 33 m<sup>2</sup>/g” for carbon black pigment ([Clause 5](#), [Table 2](#));