

DIN EN ISO 6271



ICS 17.180.20; 87.060.20

Supersedes
DIN EN ISO 6271-1:2005-03 and
DIN EN ISO 6271-2:2005-03

**Clear liquids –
Estimation of colour by the platinum-cobalt colour scale (ISO 6271:2015);
English version EN ISO 6271:2015,
English translation of DIN EN ISO 6271:2016-05**

Klare Flüssigkeiten –
Bestimmung der Farbe nach der Platin-Cobalt-Farbskala (ISO 6271:2015);
Englische Fassung EN ISO 6271:2015,
Englische Übersetzung von DIN EN ISO 6271:2016-05

Liquides clairs –
Évaluation de la couleur au moyen de l'échelle platine-cobalt (ISO 6271:2015);
Version anglaise EN ISO 6271:2015,
Traduction anglaise de DIN EN ISO 6271:2016-05

Document comprises 14 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN ISO 6271:2015) has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” in collaboration with Technical Committee CEN/TC 139 “Paints and varnishes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Beschichtungsstoffe und Beschichtungen* (DIN Standards Committee Coatings and Coating Materials), Working Committee NA 002-00-02 AA *Lackrohstoffe*.

ISO 6271 was prepared in collaboration with ASTM D 01.34, *Naval stores*. It has been harmonized with ASTM D 1209-05, *Standard Test Method for Color of Clear Liquids (Platinum-Cobalt Scale)*.

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 3696	DIN ISO 3696
ISO 5725-2	DIN ISO 5725-2
ISO 15528	DIN EN ISO 15528

Amendments

This standard differs from DIN EN ISO 6271-1:2005-03 and DIN EN ISO 6271-2:2005-03 as follows:

- a) Parts 1 and 2 have been combined into one standard;
- b) the spectrophotometric method (formerly described in DIN EN ISO 6271-2:2005-03) is now the only standardized method;
- c) the original visual comparison of colours (formerly described in DIN EN ISO 6271-1:2005-03) has been deleted, and the description of manufacture of the original platinum-cobalt colour standards has been moved to Annex A.

Previous editions

DIN 53409: 1967-07
DIN ISO 6271: 1988-07, 1999-01
DIN EN ISO 6271-1: 2005-03
DIN EN ISO 6271-2: 2005-03

National Annex NA
(informative)

Bibliography

DIN EN ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*

DIN ISO 3696, *Water for analytical laboratory use — Specification and test methods*

DIN ISO 5725-2, *Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*