

**Extenders for paints - Specifications and
methods of test - Part 20: Fumed silica**

Extenders for paints - Specifications and methods of
test - Part 20: Fumed silica

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 3262-20:2000 sisaldab Euroopa standardi EN ISO 3262-20:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.09.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 3262-20:2000 consists of the English text of the European standard EN ISO 3262-20:2000.</p> <p>This document is endorsed on 12.09.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

<p>Käsitlusala: This part of EN 3262 specifies requirements and corresponding test methods for fumed silica.</p>	<p>Scope: This part of EN 3262 specifies requirements and corresponding test methods for fumed silica.</p>
---	---

ICS 87.060.10

Võtmesõnad: extenders, materials specifications, paints, silicon dioxide, specifications, tests

English version

**Extenders for paints – Specifications and
methods of test**

Part 20: Fumed silica
(ISO 3262-20 : 2000)

Matières de charge pour peintures –
Spécifications et méthodes d'essai –
Partie 20: Silice pyrogénée
(ISO 3262-20 : 2000)

Füllstoffe für Beschichtungsstoffe –
Anforderungen und Prüfverfahren –
Teil 20: Pyrogenes Siliciumdioxid
(ISO 3262-20 : 2000)

This European Standard was approved by CEN on 2000-04-15.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 3262-20 : 2000 Extenders for paints – Specifications and methods of test – Part 20: Fumed silica, which was prepared by ISO/TC 35 ‘Paints and varnishes’ of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 298 ‘Pigments and extenders’, the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by October 2000 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 3262-20 : 2000 was approved by CEN as a European Standard without any modification.

Contents

	Page
Foreword.....	2
1 Scope	3
2 Normative references	3
3 Term and definition	4
4 Requirements and test methods	4
5 Sampling.....	5
6 Determination of silica content	5
7 Determination of aluminium oxide, titanium(IV) oxide and iron(III) oxide contents by spectrometry	6
8 Determination of carbon content	11
9 Determination of chloride content	13
10 Test report	15

1 Scope

This part of ISO 3262 specifies requirements and corresponding methods of test for fumed silica.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 3262. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 3262 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 648:1977, *Laboratory glassware — One-mark pipettes*.

ISO 787-2:1981, *General methods of test for pigments and extenders — Part 2: Determination of matter volatile at 105 °C*.

ISO 787-9:1981, *General methods of test for pigments and extenders — Part 9: Determination of pH value of an aqueous suspension*.

ISO 787-11:1981, *General methods of test for pigments and extenders — Part 11: Determination of tamped volume and apparent density after tamping*.

ISO 787-18:1983, *General methods of test for pigments and extenders — Part 18: Determination of residue on sieve — Mechanical flushing procedure*.

ISO 1042:1998, *Laboratory glassware — One-mark volumetric flasks*.

ISO 3262-1:1997, *Extenders for paints — Specifications and methods of test — Part 1: Introduction and general test methods*.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*.

ISO 3819:1985, *Laboratory glassware — Beakers*.

ISO 15528:—¹⁾, *Paints, varnishes and raw materials for paints and varnishes — Sampling*.

1) To be published. (Revision of ISO 842:1984 and ISO 1512:1991)