

Carpet cleaning products —

Part 1: Methods of sampling and test —

Section 1.3 General methods for impregnated powder formulations

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The preparation of this British Standard was entrusted by the Chemicals Standards Policy Committee (CIC/-) to Technical Committee CIC/35, upon which the following bodies were represented:

- British Aerosol Manufacturers' Association
- British Association for Chemical Specialities
- British Carpet Manufacturers' Association Ltd.
- British Institute of Cleaning Science
- Carpet Cleaners' Association
- Consumer Policy Committee of BSI
- Cosmetic, Toiletry and Perfumery Association Limited
- Industrial Cleaning Machine Manufacturers' Association (Beama Ltd.)
- International Wool Secretariat
- National Health Services
- Soap and Detergent Industry Association
- Society of Dyers and Colourists
- Textile Institute
- WIRA

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Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 References	1
3 Definitions	1
4 Sampling and preparation of the test sample	1
5 Detection of oxidizing and reducing agents	2
6 Determination of the effect on fastness to light	3
7 Determination of the effect on colour fastness	4
8 Determination of pH	5
9 Determination of alkalinity	5
10 Determination of resistance to resoiling	6
11 Determination of cleaning performance	7
12 Determination of flammability	7
13 Test reports	8
Figure 1 — Location of apparatus and test portion for detection of reducing agents	3
List of references	Inside back cover

Foreword

This Section of BS 4088-1 has been prepared under the direction of the Chemicals Standards Policy Committee. BS 4088, which is intended for the use of manufacturers and users of carpet cleaning products, is published in the following Parts.

- *Part 1: Methods of sampling and test;*
- *Section 1.1: General methods for formulations used in liquid form;*
- *Section 1.2: Determination of cleaning performance of formulations designed for use in spray extraction machines;*
- *Section 1.3: General methods for impregnated powder formulations;*
- *Part 2: Specification for high foam formulations used in liquid form;*
- *Part 3: Specification for spray extraction machine formulations used in liquid form;*
- *Part 4: Specification for impregnated powder formulations.*

This Section of BS 4088 describes methods of sampling and test and should not be used or quoted as a specification defining the characteristics of a product. Reference to this Section of BS 4088 should indicate that the methods of test used are in accordance with BS 4088-1.3:1994.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

1 Scope

This Section of BS 4088 describes methods of sampling and test for carpet cleaning formulations (hereafter generally referred to as “the product”) in impregnated powder form. These test methods apply to the product as supplied or to an extract of the product.

NOTE Impregnated powder formulations are also referred to as “dry powder cleaners”.

2 References

2.1 Normative references

This Section of BS 4088 incorporates, by dated or undated reference, provisions from other publications. These normative references are made at the appropriate places in the text and the cited publications are listed on the inside back cover. For dated references, only the edition cited applies: any subsequent amendments to or revisions of the cited publication apply to this British Standard only when incorporated in the reference by amendment or revision. For undated references, the latest edition of the cited publication applies, together with any amendments.

2.2 Informative references

This British Standard refers to other publications that provide information or guidance. Editions of these publications current at the time of issue of this standard are listed on the inside back cover, but reference should be made to the latest editions.

3 Definitions

For the purposes of this Part of BS 4088, the following definitions apply.

3.1

carpet

textile floor covering

3.2

impregnated powder formulations

products, composed of inert powders or granules, impregnated with mixtures of agents designed for the cleaning of textile floor coverings by application to the surface, by means of either sprinkling by hand or dedicated appliance, followed by brushing to disperse the product evenly over the surface of the floor covering and into the pile

3.3

extract of the product

filtered aqueous extract produced in accordance with 4.2.2

4 Sampling and preparation of the test sample

4.1 Sampling

Samples shall only be taken from previously unopened containers.

A representative sample of the product of not less than 0.5 kg shall be taken. The sample shall be placed in a clean, dry, airtight, labelled bottle. Care shall be taken to avoid any risk of contamination of the contents during sampling. If the sample is to be taken from several containers, the following shall apply.

- a) Each container shall have homogeneous contents, prepared by agitation.
- b) The same proportion, by mass, shall be taken from each container.
- c) If the containers comprise a batch, the number of containers sampled shall be not lower than the cube root of the number of containers in the batch.

4.2 Preparation of the test sample

4.2.1 Product as supplied

Agitate the sample (see 4.1) to ensure that it is homogeneous. Quickly and carefully transfer into a clean, dry, labelled glass bottle a portion sufficient for the series of tests planned. Stopper or seal the bottle to avoid contamination or evaporation during storage.

NOTE These materials usually contain volatile components. All handling should be carried out in such a way that evaporation of active ingredients is minimized.

4.2.2 Extract of the product

Agitate the sample (see 4.1) to ensure that it is homogeneous. Carefully transfer 100 g of the product into a clean, dry, glass container and add 900 ml of water conforming to grade 3 of BS 3978. Mix well for 30 min using a suitable mechanical stirrer. Filter off the powder using a sintered glass filter funnel and collect the extract in a clean, dry, labelled glass bottle. Stopper and seal the bottle to avoid contamination or evaporation during storage. Do not store for a period longer than four weeks.

NOTE In some cases the powder may dissolve to form a solution.