

**Toplotnoizolacijski ognjevzdržni izdelki - 1. del: Izrazi za topne
visokotemperaturne vlaknene izdelke**

Insulating refractory products - Part 1: Terminology for soluble high temperature
fibre products

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ICS

Will supersede EN 1094-1:1997

English version

Insulating refractory products - Part 1: Terminology for soluble high temperature fibre products

Produits réfractaires isolants - Partie 1: Terminologie des produits de fibres céramiques

Feuerfeste Erzeugnisse für Wärmedämmzwecke - Teil 1: Terminologie für lösliche Hochtemperatur-Fasererzeugnisse

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Foreword

This document (prEN 1094-1:2005) has been prepared by Technical Committee CEN/TC 187 “Refractory products and materials”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1094-1:1997.

EN 1094 *Insulating refractory products* consists of the following Parts:

Part 1 *Terminology for ceramic fibre products*

Part 2 *Classification of shaped products*

Part 3 *Classification of ceramic fibre products (ENV)*

Part 4 *Determination of bulk density and true porosity of shaped products*

Part 5 *Determination of cold crushing strength of shaped products*

Part 6 *Determination of permanent change in dimensions on heating of shaped products*

Part 7 *Methods of test for ceramic fibre products (ENV)*

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1 Scope

This European Standard defines terms for those refractory products and materials which are classed as ceramic fibre products.

2 Definitions

2.1

ceramic fibre

man-made mineral fibre suitable for use as heat-insulating materials, containing less than 2 % in total weight of alkaline oxide and alkaline earth oxides

NOTE There is a range of such fibres.

2.2

ceramic fibre bulk; loose fibre

ceramic fibre in the state as produced, before conversion into other products

2.3

ceramic fibre mat

flexible, non-needed, ceramic fibrous insulating material

2.4

ceramic fibre blanket

flexible, normally needed, ceramic fibrous insulating material free of binders, with nominally determined dimensions

2.5

ceramic fibre felt

flexible fibrous insulating material of nominally determined dimensions, containing some proportion of inorganic and/or organic binders

2.6

ceramic fibre (castable)

ceramic fibre with inorganic and/or organic binders which may be cast

2.7

ceramic fibre (mouldable)

ceramic fibre with inorganic and/or organic binders which may be moulded

2.8

ceramic fibre board

substantially-rigid flat sheet, normally containing inorganic and/or organic binders, produced by a wet process

2.9

pre-formed shape

rigid shape made of ceramic fibres with the addition of inorganic and/or organic binders, fired or unfired

2.10

ceramic fibre paper

flexible fibrous insulating material with a thickness less than or equal to 8 mm, formed on a paper-making machine