

**Products used for treatment of swimming pool water -  
Powdered activated carbon**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 15799:2010 sisaldab Euroopa standardi EN 15799:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.03.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 20.01.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 15799:2010 consists of the English text of the European standard EN 15799:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 20.01.2010.

The standard is available from Estonian standardisation organisation.

ICS 71.100.80

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ICS 71.100.80

English Version

## Products used for treatment of swimming pool water - Powdered activated carbon

Produits utilisés pour le traitement de l'eau des piscines -  
Charbon actif en poudre

Produkte zur Aufbereitung von Schwimm-und  
Badebeckenwasser - Pulver-Aktivkohle

This European Standard was approved by CEN on 4 December 2009.

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This European Standard exists 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 CEN Management Centre has the same status as the official versions.

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## Foreword

This document (EN 15799:2010) has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2010, and conflicting national standards shall be withdrawn at the latest by July 2010.

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## Introduction

In respect of potential adverse effects on the quality of swimming pool water, caused by the product covered by this document:

- a) this document provides no information as to whether the product may be used without restriction in any of the Member States of the EU or EFTA;
- b) it should be noted that, while awaiting the adoption of verifiable European criteria, existing national regulations concerning the use and/or the characteristics of this product remain in force.

NOTE Conformity with this document does not confer or imply acceptance or approval of the product in any of the Member States of the EU or EFTA. The use of the product covered by this document is subject to regulation or control by National Authorities.

## 1 Scope

This European Standard is applicable to powdered activated carbon used for treatment of swimming pool water. It describes the characteristics of powdered activated carbon and specifies the requirements and the corresponding test methods for powdered activated carbon. It gives information on its use in swimming pool water treatment.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12902, *Products used for treatment of water intended for human consumption — Inorganic supporting and filtering materials — Methods of test*

EN 12903:2009, *Products used for the treatment of water intended for human consumption – Powdered activated carbon*

## 3 Description

For the identification, the commercial form, and the chemical properties see the relevant subclauses of EN 12903.

## 4 Physical properties

For the physical properties, the product shall conform to the requirements specified in the relevant subclauses of EN 12903.

**NOTE** For very small particle size (1  $\mu\text{m}$ ), powdered activated carbon used in conjunction with ultra-filtration, the contents of oversize and undersize particles should not exceed a mass fraction of 5 %.

## 5 Purity criteria

### 5.1 General

This standard specifies the minimum purity requirements for powdered activated carbon used for the treatment of swimming pool water. Limits are given for impurities commonly present in the product. Depending on the raw material and the manufacturing process other impurities may be present and, if so, this shall be notified to the user and when necessary to relevant authorities.

**NOTE** Users of the product should check national regulations in order to clarify whether it is of appropriate purity for treatment of swimming pool water, taking into account water quality, required dosage, and contents of other impurities and additives used in the product not stated in the product document.

Limits have been given for impurities and chemical parameters where these are likely to be present in significant quantities from the current production process and raw materials. If the production process or raw materials lead to significant quantities of other impurities, by-products or additives being present, this shall be notified to the user.