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**Tekstilije in tekstilni izdelki - Kritične snovi, ki so potencialno prisotne v sestavinah materialov tekstilnih izdelkov - Določevanje policikličnih aromatskih ogljikovodikov (PAH), metoda s kromatografskimi tehnikami**

Textiles and textile products - Critical substances potentially present in components of textile product materials - Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using chromatographic techniques

Textilien und textile Erzeugnisse - Kritische Stoffe, die potentiell in Bestandteilen von Materialien textiler Erzeugnisse vorhanden sind - Bestimmung von polyzyklischen aromatischen Kohlenwasserstoffen (PAH), Verfahren mit chromatographischen Methoden

Produits textiles - Substances critiques potentiellement présentes dans les composants des produits textiles - Méthodes d'essai pour déterminer quantitativement les HAP dans les matériaux de produits textiles

**Ta slovenski standard je istoveten z: prEN 17132**

**ICS:**

59.080.01	Tekstilije na splošno	Textiles in general
71.040.50	Fizikalnokemijske analitske metode	Physicochemical methods of analysis

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**en**



EUROPEAN STANDARD  
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**DRAFT**  
**prEN 17132**

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ICS 59.080.01

English Version

**Textiles and textile products - Critical substances  
potentially present in components of textile product  
materials - Determination of Polycyclic Aromatic  
Hydrocarbons (PAH), method using chromatographic  
techniques**

Produits textiles - Substances critiques potentiellement  
présentes dans les composants des produits textiles -  
Méthodes d'essai pour déterminer quantitativement  
les HAP dans les matériaux de produits textiles

Textilien und textile Erzeugnisse - Kritische Stoffe, die  
potentiell in Bestandteilen von Materialien textiler  
Erzeugnisse vorhanden sind - Bestimmung von  
polyzyklischen aromatischen Kohlenwasserstoffen  
(PAH), Verfahren mit chromatographischen Methoden

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 248.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (prEN 17132:2018) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document is adapted from CEN ISO/TS 16190, prepared by Technical Committee CEN/TC 309, "Footwear", in collaboration with ISO Technical Committee ISO/TC 216, "Footwear", in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement). The adaptation is based on the extension of the scope to the textile products.

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**prEN 17132:2018 (E)****Introduction**

In Europe according to Regulation (EC) No 1907/2006 (REACH), Annex XVII, Entry 50, Articles such as clothing, footwear and gloves cannot be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct, as well as prolonged or short-term repetitive, contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the following PAHs.

Toys and childcare articles, should not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the following PAHs.

Regulated PAHs: Benzo[a]pyrene (BaP), Benzo[e]pyrene (BeP), Benzo[a]anthracene (BaA), Chrysen (CHR), Benzo[b]fluoranthene (BbFA), Benzo[j]fluoranthene (BjFA), (g) Benzo[k]fluoranthene (BkFA), Dibenzo[a,h]anthracene (DBAhA).

In addition the following PAHs are under consideration for addition to the REACH Regulation.

Indeno(1,2,3-cd)pyrene, Benzo(j,k)fluorine (fluoranthrene), Napthalene, Anthracene, Pyrene, Benzo(g,h,i)perylene, Acenaphthalene, Acenaphthene

**CAUTION — The use of polycyclic aromatic hydrocarbons (PAH) can be hazardous.**

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