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**Bamboo charcoal for air-purification
空气净化用竹炭**

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Foreword

This Standard is proposed by China's State Forestry Administration (SFA)

This Standard is under the jurisdiction of National Technical Committee on Bamboo and Rattan of Standardization Administration of China.

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Bamboo charcoal for air-purification

1 Scope

This Standard specifies the definitions, requirements, test methods, inspection rules. Package, logo, transportation and storage of bamboo charcoal for air-purification.

This Standard is applicable to bamboo charcoal that purifies formaldehyde, benzene, total volatile organic gas (TVOC) and other harmful gases in the air, and it is not applicable to bamboo charcoal for air-purification through special processing, such as various modified bamboo charcoal.

2 Terms and definitions

The following terms and definitions apply to this Standard.

2.1

Bamboo charcoal for air-purification

Bamboo in high temperature and limiting oxygen (or isolated oxygen) obtains black solid through pyrolysis.

2.2

Fixed carbon

The remaining effective carbon after the firing of charcoal carbon at high temperature

2.3

Formaldehyde adsorption rate

A certain quality of drying test sample is filled in adsorption instrument that is full of adsorbed gas, adsorbs for 24h at the constant temperature of 20℃, the weight gain of the test sample accounts for the percentage of quality of the original test sample.

3 Requirement

3.1 Appearance: black, odorless, tasteless, amorphous solid.

3.2 Bamboo charcoal for air-purification divides into two levels, such as level I product and level II product.

3.3 Various levels of bamboo charcoal for air-purification shall be consistent with the requirements in Table 1.



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