

- Natural vegetable black powder from Binchō-tan tree
- Absorbing, purifying and detoxifying properties
- Non nano powder: alternative to nano carbon black

ORIGINS & TRADITIONS



- Charcoal from Binchō-tan is used for centuries as the combustive to boil the water during chadō (茶道) - *the Way of Tea* or traditional tea ceremony. It helps purify and prepare the room to start the rituals.
- Charcoal-making techniques were introduced in Japan from China during the medieval period until it became in common use around the 14th Century. In the early modern period, chadō took on greater importance, which led to producing an even finer variety of charcoal.
- Charcoal powder is a highly porous material. The holes are controlled during the carbonization process of Binchō-tan. For its adsorbing properties, Japanese people use charcoal from Binchō-tan traditionally in everyday life to remove the smell of chlorine and specific tastes when cooking rice, to purify water and as a deodorization agent. As Bincho-Tan is an alkaline substance, it can absorb acids easily like tobacco smoke.



OUR CHARCOAL POWDER

- CHARCOAL POWDER is made from Ubame Oak (*Quercus Phillyraeoides*, called Binchō-tan in Japan) a very hard wood which grows in the southern Kishu area of Japan (Wakayama prefecture).
- Selective partial cutting of mature trees are made to expose young trees to more light and promotes the development of the remaining trees.
- Only the upper part of the trees is used. The oak species is so vigorous that the roots and stumps will give rise to shoots. They originate from dormant buds at the base of stump. It is manufactured by a centuries old tradition. The resource *Quercus phillyraeoides* is still intact.
- The forestry is regulated by the government to ensure sustainable production from more than 150 years and the the superior technique of the Binchō-tan ancestral culture was appointed in Wakayama immaterial folk cultural assets in 1974.

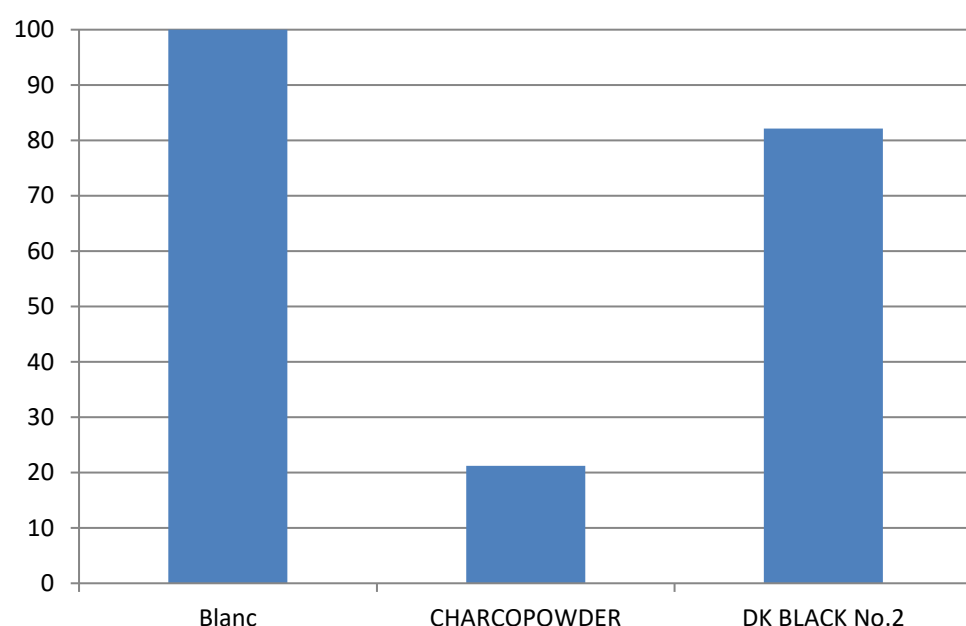


- Our Charcoal powder issued from special burning process of Ubame Oak without chemical modification contains more than 95% of fixed carbon. This high purity (with less ashes), gives it the brand name « Binchō-tan ».
- As electricity conductor, we can expect an absorption of electromagnetic wave.



OUR CHARCOAL POWDER TECHNICAL DATA

➤ The measurement of « Isovaleric acid (3-methylbutanoic acid) » by GC-MS

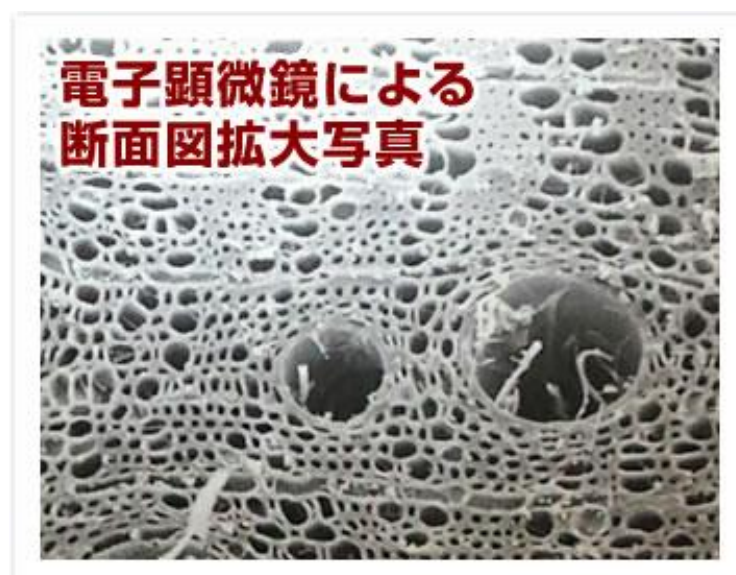


Charcopowder absorbs IVA, molecule responsible for body odors.

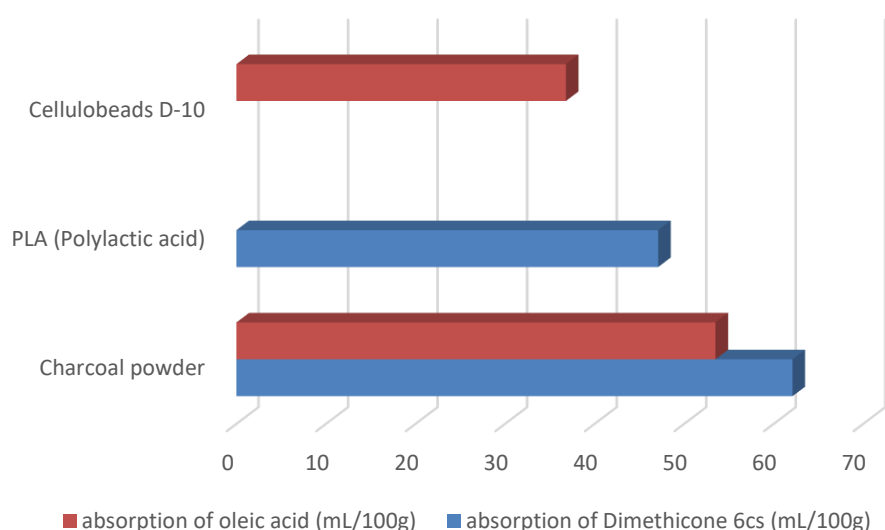
■ IVA

➤ SEM image of Bincho-tan

Bincho-tan have a lot of very small pores.



➤ Oils absorption



Charcoal powder shows a good absorption of oils and specially of oleic acid, sebum-like fatty acid.



OUR PROPOSALS



- Powder form: **CHARCOPOWDER**
- Water dispersed form: **WD-VCB25**
(preservative: sodium dehydroacetate)



COSMOS
APPROVED



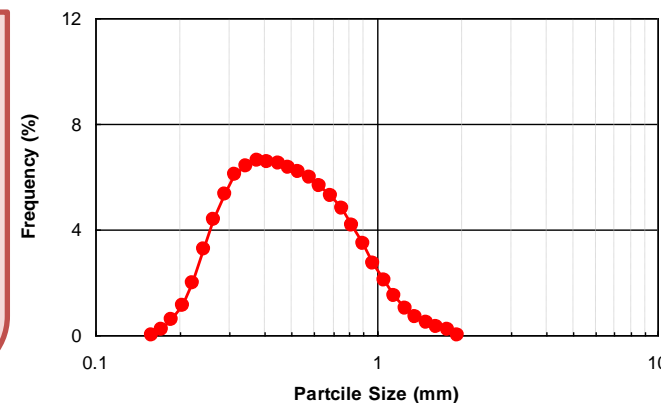
COSMOS
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Key figures

Median size of CHARCOPOWDER: 504nm

Median size in WD-VCB25 & VD-VCB25: 200nm

Binchō-tan respects E153 criteria



SOME OF OUR APPLICATIONS

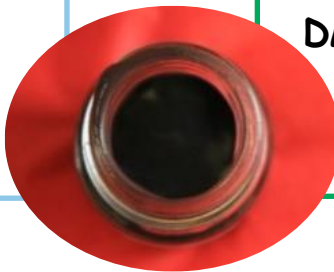
SKIN CARE

DC/E335 Instant smoothie detox mask in powder form (Charcopowder)

DC/E802 Instant Detox Mask (Charcopowder)

DC/E506 Purifying detox and anti-pollution mask peel off (WD-VCB25)

DC/E569B Caviar Mask (WD-VCB25)



EYE MAKE-UP

DE/E53 Charcoal black eyeliner (WD-VCB25)

DE/E816 Felt pen eyeliner (WD-VCB25)

DM/E370 Non-transfer long lash glossy mascara (WD-VCB25)

DM/E703 Cosmos mascara (WD-VCB25)



TOILETRIES

DT/E686 Face cleansing stick (Charcopowder)

DT/E476B Purifying tooth foam (WD-VCB25)

DT/E615 Charcoal purifying micellar serum (WD-VCB25)

DT/E631B Charcoal stick (WD-VCB25)



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Sources:

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