



Onibegie is an eco-material

For the preservation of the global environment, Komatsu Matere has been engaged in the development of environment-compatible dyeing technology. Onibegie is an environmentally friendly material made from ingredients extracted from onion skin, and mixed with various natural ingredients.

Rich natural colors created from materials normally disposed of.

[Features]

Ingredients extracted from scrap onion skins are mixed with unrequired plant material components in the dyeing process.

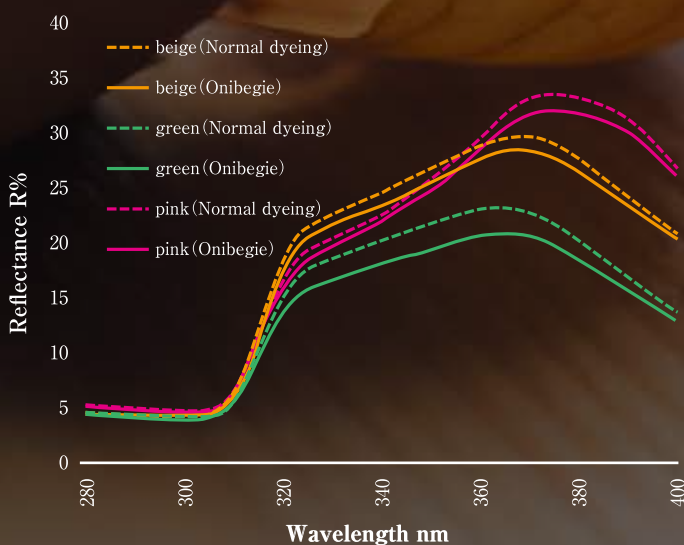
- ◎Environmentally friendly material using natural ingredients.
- ◎A variety of expressions by using synthetic fabric.
- ◎Natural expressions, which chemical dyes cannot achieve.
- ◎Combination with high-level processing technology held by Komatsu Matere.

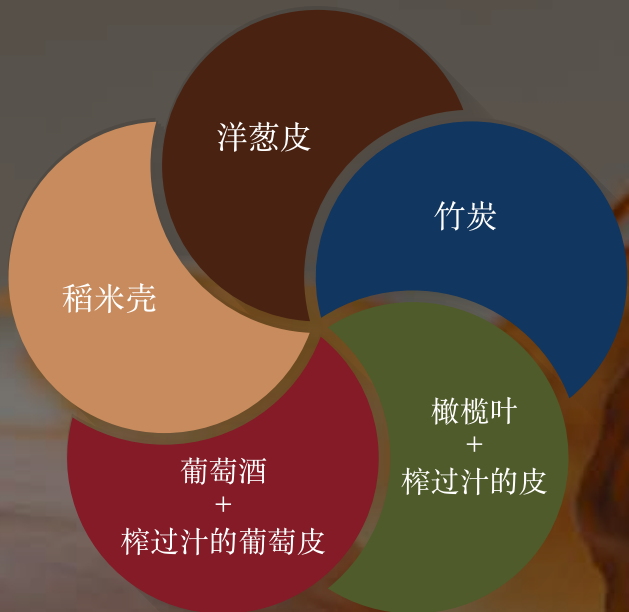
Onibegie is an eye-friendly material

◎In contrast with conventionally dyed textiles, Onibegie, a new textile material, has a lower optical reflectance in the ultraviolet wavelength range from 280nm to 400nm.

◎The brightness of Onibegie is 0.3-0.5 lower than that of conventionally dyed textiles to achieve a deeper color. In addition, given the fabric's increased absorption of UV rays, the color is said to be an eye-friendly as it reflects fewer UV rays.

● UV area





作为环保材料的“Onibegie”

为了保护地球环境，小松美特料积极开发可与环境共生的染色技术。“Onibegie”就是其中之一，它以洋葱皮提取成分为基础，有效利用和调配各种植物的天然成分而成，是一种环保材料。

丰富的天然色彩，从废弃物中产生

“Onibegie的特点”

加入了废弃洋葱皮的提取成分和不需要的植物材料成分。

- ◎有效利用、调配天然成分而制成的环保材料。
- ◎可应用到各种各样的合成纤维面料上。
- ◎可创作出那些用化学染料无法调成的自然色彩。
- ◎可与小松美特料的高水平加工技术组合使用。

Onibegie保护眼睛

- ◎“Onibeji”染色品在紫外区（280-400nm）的反射率低于普通染色品。
- ◎与普通染色品相比，“Onibeji”染色品亮度降低0.3~0.5，颜色更深，同时也吸收了更多紫外线，因此，进入眼睛的紫外线量减少了，可以说它是保护眼睛的颜色。

● 紫外区

