



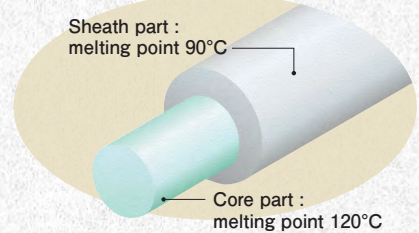
daiwabo

Kind to the Earth Biodegradable Bi-component Fiber

New Binding Fiber KK

New Binding Fiber KK is a thermal bonding bi-component fiber consisting only of biodegradable ecological resins. It is a kind-to-the-earth material, which naturally decomposes only by burying in the earth.

[Section of the bi-component fiber]

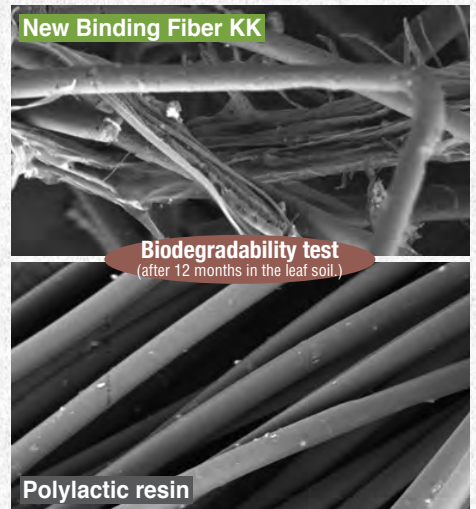


Features

- 1 A binding fiber by the combination of petroleum-derived biodegradable resin and plant-derived biodegradable resin.
- 2 It has quick degradation rate and small thermal shrinkage.

Biodegradation test

- 1 Comparisons are made after burying New Binding Fiber KK and polylactic resin in the leaf soil for 12 months. (Refer to the right electron micrograms.)
- 2 New Binding Fiber KK decomposed, showing core - sheath shapes.



Application

- Agricultural - gardening materials
- Construction materials
- Household groceries
- Clothes, Others



Gardening materials like planters and others



Biodegradable clothing material

Daiwabo Polytec Co., Ltd.