

New Binding Fiber 4⁺

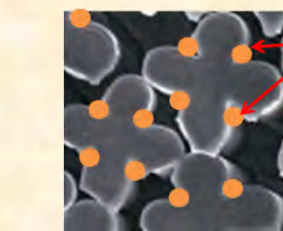
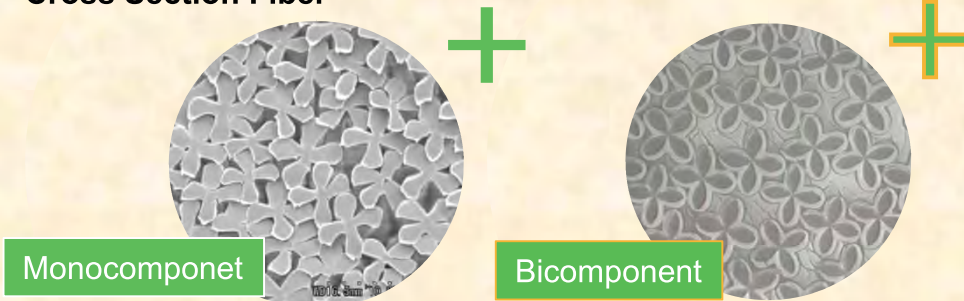
About New Binding Fiber 4⁺

New Binding Fiber 4⁺ is super fiber to be suitable for air filter application because depreciation of electrification characteristic is extremely lower after electret process. Nowadays, health hazard is expanding and concerned badly by absorbing microscopically small particle material, represented by PM 2.5. Electret filter that has electrification characteristic is effect to catch those particle. However, property of electrification characteristic on filter would be decreasing in time stability, thus catching property would be decreasing at the same time. New Binding Fiber 4⁺ is a solution for it. Because of unique cross section, depreciation of electrification characteristic is lower after electret process, therefore it is possible to catch microscopically small particle in time stability longer. It can bring us health and brilliant life.

Characteristics

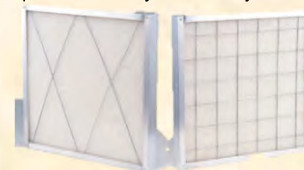
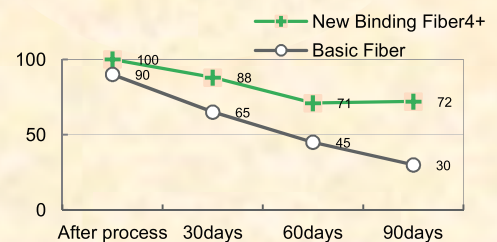
1. Surface area of fiber is large, which can catch particle more and easier.
2. Unique cross section that can make depreciation of electrification characteristic lower.
3. Easy handling with electret process because of specific raw material and coating substance.

Cross Section Fiber



Air Pocket
Restraining degradation of Electrostatic because of air pocket at hourglass

Transition in time; Catching effect of 0.3μ particle



【Sampel: Air Filter】

Effect

1. High catching ratio
 2. Less depreciation of electrification property
- It is a solution to make effective air filter that you can use safely