CopperPro®

Cu Antibacterial

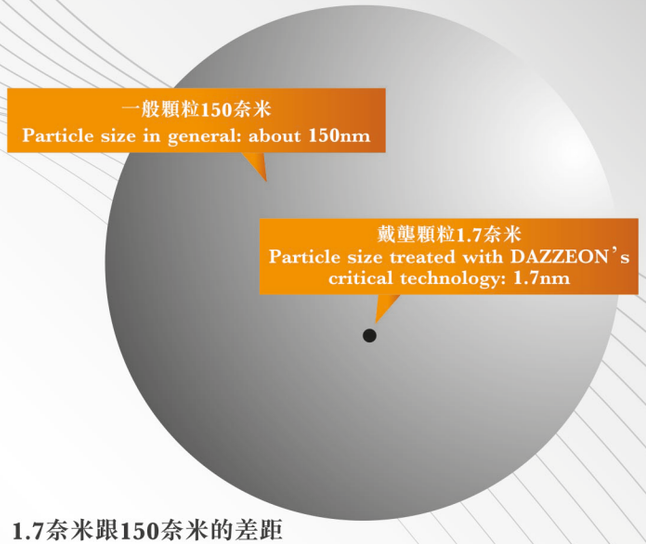
Antibacterial cupric ion fiber

Over 99% antibacterial effectiveness

DAZZEON「關鍵奈米細化技術」
DAZZEON's critical technology

DAZZEON「關鍵奈米細化技術」製造出來的奈米粒子(<1.7奈米)與傳統奈米材料(80~150奈米)相比，如同地球與一顆足球的差異。當物體由150奈米縮小至1.7奈米，體積相差將近69萬倍，此時物體的量子效應產生、特性劇變；而同體積奈米團簇下的1.7奈米粒子總表面積為150奈米粒子的88倍，此時物體化學反應速率提高、活性大幅上升，在此雙重條件下，能夠發展具有想像的多元應用。關鍵奈米細化技術能使奈米粒子分散不團聚，極限高低溫下也能維持穩定，係為奈米科技的劃時代突破。

The general size of nano materials on the market is between 80 to 150nm. The materials treated with our nano size reduction technology can be minimized to as small as 1.7nm. When the size of a particle is reduced to 1nm from 100nm, the volume of the particle increases from 0.1% to 99%. The difference between 150nm and 1.7nm is almost 690,000 times. This results in significant enhancement in activity and the occurrence of quantum effects. Moreover, DAZZEON's revolutionary technology prevents the aggregation of nanoparticles and keeps them stable under a wide range of temperature.



1.7奈米跟150奈米的差距

686,953

Difference between 1.7nm and 150nm : 686,953 times

- 奈米纖維 Textile Industry
- 3C電子 The Electronics Industry
- 生技應用 Biotechnology
- 科技農業 Agriculture