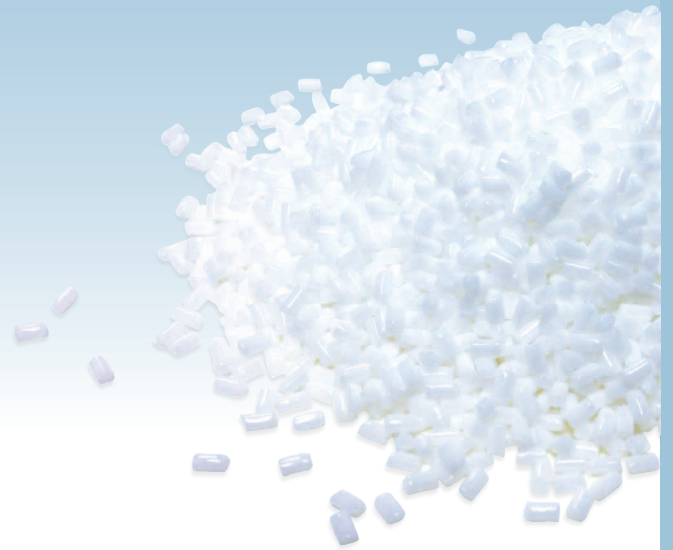


# d<sub>2</sub>p anti-bacterial technology



An anti-bacterial masterbatch successfully tested against over 50 common organisms including dangerous bacteria such as MRSA, E.coli, Salmonella, Listeria, Pseudomonas and Aspergillus Niger.



[www.d2p.net](http://www.d2p.net)

# d<sub>2</sub>p technology anti-bacterial plastic:



The threat of infection has increased as we live in a denser urban population. d<sub>2</sub>p provides an extra layer of protection against transmission of bacteria through contact with everyday items.

## Applications

There is almost no limit to the number of uses for d<sub>2</sub>p anti-bacterial.

Anything that is made of plastic or has a plastic coating on it could have d<sub>2</sub>p incorporated at manufacture.

This technology will inhibit the growth of bacteria in calculators, sports clothing, food processing equipment and a host of other applications.

## The Benefits

- Tried and tested silver-based technology
- Fights healthcare and food industry infections
- Tested\* against over 50 dangerous organisms
- Helps prevent staining
- Helps prevent discolouration
- Helps prevent odour development
- Addition rate 1-2%
- Compatible with PE,PP, PET,PS, PVC and most other plastics
- Enhances your marketing message
- Full support from Symphony's technical and marketing teams



## Stages of anti-bacterial protection with d<sub>2</sub>p technology



1  
d<sub>2</sub>p masterbatch is added at the manufacturing stage



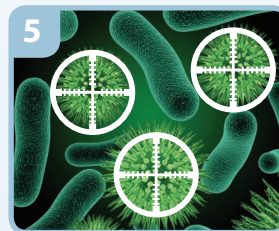
2  
Product containing d<sub>2</sub>p is produced at the factory



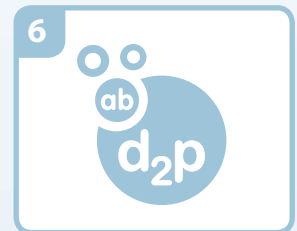
3  
Bacteria land on the surface of the product



4  
d<sub>2</sub>p starts acting against bacteria



5  
d<sub>2</sub>p attacks bacteria's cells, disrupting their function and reproduction



6  
Bacteria die

\*d<sub>2</sub>p is tested to ISO22196 and JIS Z 2801 to demonstrate its anti-bacterial efficacy

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