

at a glance

www.symphonyenvironmental.com

d₂p is the brand name for a suite of masterbatches offering extra protection to plastic products from bacteria, insects, fungi, algae, odour, fouling and fire.

Antibacterial

Fights healthcare and food industry infections. Tested against dangerous organisms including MRSA, E-coli, Listeria, Salmonella, Pseudomonas and Aspergillus Niger.

Natural

Antibacterial suitable for use in food and non-food applications. In compliance with FDA Food and Drug Administration, USA and EFSA (European Food Safety Authority) requirements.

Antimicrobial

The primary purpose is to prevent bacterial and fungal contamination whilst preserving the aesthetic and functional properties of the plastic article.

Anti-fouling

Anti-fouling paint is a specialised coating applied to the hull of a ship or boat to reduce the growth of aquatic organisms.

Insecticide technology

Insecticidal plastic masterbatches used to control pests. Typically used in mosquito nets, agriculture, horticulture, forestry and home applications.

Pest control

Rodents can cause dangerous damage to plastic products such as cable insulation, warehouse pallets, non-food packaging and boxes etc. Symphony has developed additive masterbatches with products that repel these pests.

Oxygen Scavenger

d₂p OS is a powerful inorganic chemical compound, produced from a natural ore and manufactured to a high purity.

Flame retardant

Flame retardants decrease the ignitability of materials and inhibit the combustion process – limiting the amount of heat released.

Vapour corrosion inhibitor

d₂p VCI additives are a range of products to be used in protection of surfaces against the corrosion and oxidation of ferrous and non-ferrous metals.

Ethylene adsorber

Highly active adsorbent masterbatch for the removal of undesirable odours, volatile organic compounds (VOC) and water vapour from plastic packaging to reduce spoilage of fruit and vegetables.

Odour adsorber

Inorganic masterbatches and additives designed to inhibit the development of odours in plastic products and reduce spoilage of fruit and vegetables.

Release agent

A modern synthetic product produced from one of the most common of the earth's elements. It plays a key role in the improvement of the flow and processing of resins as well as enhancing the slip and lubricity of plastic products.

Recent d₂p products:

Protector toothbrush made with d₂p antimicrobial technology. Business Dynamics (Pakistan)

Comfosole Insoles - made with antimicrobial and odour-adsorbing technologies. CPST (Korea).

