



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

FERRO-PLAST S.r.l.

Via Grandi, 25 - 20090 Vimodrone (Mi)

Tel. +39.02.27409415 Fax +39.02.27409420 E-mail ferroplast@ferroplast.com - www.ferroplast.com

FerroSan PE-01125

Informazioni Tecniche

BIOCIDE MASTERBATCH

Carrier Polymer

Compatible with polyolefins, polyamide and other engineering polymers.

Additives

Inorganic type antimicrobial

Applications

Antimicrobial concentrate in natural color. The final parts obtained with this concentrate show an improved efficiency over other similar additives in the market, with a minimal influence on color and mechanical properties, as well as good weather stability.

Dosing

We always recommend to make a preliminary trial. As a guide, normally it is enough with 2 - 5% masterbatch. Test carried out in accordance with Japanese standard JIS Z 2801:2000 (Antimicrobial products: Test for antimicrobial activity and efficacy), which has been adopted internationally as standard ISO 22196:2007.

Bacteria tested:

- Escherichia coli NBRC 3972
- Staphylococcus aureus NBRC 12732
- Salmonella enteritidis
- Legionella pneumophila GIFU 9134
- Listeria monocytogenes VTU 206

In all cases, the initial bacteria suspension was prepared to contain between 100,000 and 500,000 living cells/ml. The samples were incubated at 35°C and the number of living bacteria was determined after 24 hours. The concentrate has proven to be highly efficient against all of them, reducing the initial count to less than 10-100 units/ml.

Food Contact

This additive is registered in the EPA and has been approved by the FDA and the EFSA (European Food Safety Authority) for food contact.

Packaging

25 Kg bags (or bulk bags or boxes, on demand).

Scheda di Sicurezza in 16 punti secondo Direttiva 91/155/CEE disponibile su richiesta