

Practical tests

with products from CAPROWAX P™

Usability

While 1-2 periods of growing season properties are showing a notable fastness against water, moisture and mildewing. Just so appears a good flexibility under cold conditions. Following applications year round and over a longer time are possible now, e. g. plant pots in tree nursery, guard net, harvest devices and geotextiles for landscape protection. For use in greenhouse plant it would be especially advantageous to dispose bio-waste and CAPROWAX P™-products together. After harvest without additional work of separating strings, bound system, nets, pots and trays can biodegrade in composting facilities. In case of a direct and longer contact with soil rotting occurs in space of 1-2 years.

Herbal

Comparable growing tests with plant pots from CAPROWAX P™ and polypropylen don't show significant varieties. Development of roots, plants and flowers was comparable.

CAPROWAX P™ - Compounds doesn't contain aromatic and nitrogenous substances.

CAPROWAX P™ - Masterbatches contain eco friendly, soil related, mineral pigments. Colouration of bioplastics / biocomposites comply specifications of DIN EN 13432.

Composting under field-grown conditions

CAPROWAX P™ - Compounds consist of aliphatic - home/industrial compostable certified - polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

Tests with plant pots from CAPROWAX P™ 6002-00-000 (layer thickness of 500 µm) under comparable conditions of DIN V 54900-3 show after 12 weeks biodegradation of 94%.

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CAPROWAX P™ compostable of course

