

# Additive-Masterbatch CAPROWAX P™ 6006-C65-AD4425

## BioMineral release agent and pH-Stabilization

Customer information  
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Product-  
information  
02/2021

Zolltarifnummer: 3907 99 80  
Albrecht Dinkelaker  
Polymer- and Product Development  
Talstrasse 83  
D 60437 Frankfurt am Main

Properties / Data / Description		
Form / colour / size		Pellets / dull white / 1,5-3,5 mm
BioMineral (BM) / content	DIN EN ISO 1172	natural Calcite (CaCO <sub>3</sub> ) / 25 %
Density		g/cm <sup>3</sup> >1,2
Residual humidity (LOD)	105°C/1h	% <0,3
Softening beginning	DSC	°C 57-63
Remark		heatstable up to 200-220°C / acid sensitive

**Description**  
CAPROWAX P™ 6006-C65-AD4425 is a mixture of thermoplastic, waterproof, compostable polymer-/wax blend with 25% harmless, soil-similar, natural BioMineral Calcite (CaCO<sub>3</sub>).  
All organic components are readily biodegradable.  
Produced products comply the specifications of DIN EN 13432

**Compostable binding material**  
CAPROWAX P™ 6006-C65:  
consists of aliphatic, home/industrial compostable, certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

**MFPA Weimar**  
Test certificate: P31/029-05  
\*) calculated  
The carrier material is comparable with the test material CAPROWAX P® 6006 DIN EN 13432 tested by MFPA Weimar (83,7% of organic carbon are biobased \*)

**No food or feeding stuff**  
eco-/compost friendly  
GM-free, no content of starch or PLA  
Without content of aromatic or nitrogenous substances  
Harmless, soil-similar, acid-binding BioMineral

**Applications for processing with biopolymers biocomposites**  
Additive for processing of biopolymers and biocomposites to avoid film bonding and adhesion of nozzles, suited for pH-stabilization of colouration with acid sensitive colourants

**Introduction to recipe**  
0,5-2% Additive-Masterbatch intermixing with pellets

**Processing temperatures of biopolymers and biocomposites**  
90-200°C (194-392°F) / short time up to 220°C (428°F)

**Examples of application and products**  
Products of injection moulding and vacuumforming, foils, hotmelts, composites, support material, substrate, coating

**Drying pellets on demand**  
50°C/12h Avoid heating melt >90°C over long time

**Order quantities**  
2 kg test material, 100 kg minimum order or more

**Storage/Instruction**  
Avoid heat/moisture, storage in original containers only

**CAPROWAX P™ compostable of course**

