

Additive-Masterbatch CAPROWAX P™ 6006-C65-AD4425

BioMineral release agent and pH-Stabilization

Customer information

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Product- information

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Zolltarifnummer: 3907 99 80

Albrecht Dinkelaker

Polymer- and Product Development

Talstrasse 83

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Properties / Data / Description

Form / colour / size	Pellets / dull white / 1,5-3,5 mm		
Biomaterial (BM) / content	DIN EN ISO 1172	natural Calcite / 25 %	
Density		g/cm ³	>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
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 - biodegradable MARINE, 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 Biomaterial

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

