

# Masterbatch CAPROWAX P™ Blue G 510 lw tex

Compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

Sample material

Customs-Tariff-No.: 3907 99 80

## Customer information

## Product example

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## Properties / Data / Description

Form	a)	mm	Pellets, Diameter:1,5-3,0/ Size:2,0-3,5
Content of pigments	b)	%	25
Colour Index	PB 29		Ultramarine Blue
Colour Index	PW 6		Titandioxide
Colour description	c)		blue, greenish, covering
Lightfastness	d)		7-8
Bulk density	DIN EN ISO 60	g/l	754
Density	DIN EN ISO 1183	g/cm <sup>3</sup>	1,21
Residual Humidity (LOD)	105°C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63

Remark: tex = suited for colouration of filaments / heatstable up to 200-220°C / acid sensitive

a) internal test norm / b) Pigment determination proportionally c) 2% Masterbatch in CAPROWAX P 6006 lw = low content TiO<sub>2</sub>

d) Data of pigment producer

Based on the biological sources different values of measurement could be occur

## Description

CAPROWAX P™ Blue G 510 lw tex, a masterbatch with harmless, lightfast, non-migratory, temperature stable, insoluble in water, inorganic pigments partially comparable with natural pigments. Low-dusty incorporated in a compostable carrier material. Coloured bioplastics comply the specifications of DIN EN 13432

## Carrier 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

Ecofriendly composition

GM-free, no content of starch or PLA

Without content of aromatic or nitrogenous substances

## Biopolymers and use

Covering colouration of bioplastics/biocomposites/blends as PLA, PBS, PHA, PCL, CAPROWAX P™/Blends, Bio-NFC/-WPC Polysaccharides/Derivates, Casein, PVAc/Bioplastic-Blends, PVOH, Bio-TPE, Bio-UPR, NIPU. For use as colouring additive suited for products of agriculture, garden and environment.

## Introduction to recipe for reduced content of TiO<sub>2</sub> (lw)

1-2% Masterbatch (MB) homogenous intermixing with pellets yield in coloured products a content of  $\leq 0,1\%$  TiO<sub>2</sub>

Processing temperatures

Drying pellets on demand

90-200°C (194-392°F) / short time up to 220°C (428°F)

50°C (122°F)/12h Avoid heating melt >90°C over long time

## Examples of application

Products of injection moulding, vacuum-/blowforming, foils, hotmelts, NF-BioComposites, support material, substrate, coating

## Storage/Instruction

Avoid heat and moisture, storage in original containers only

**CAPROWAX P™ compostable of course**

