

Masterbatches delivery list CAPROWAX P™

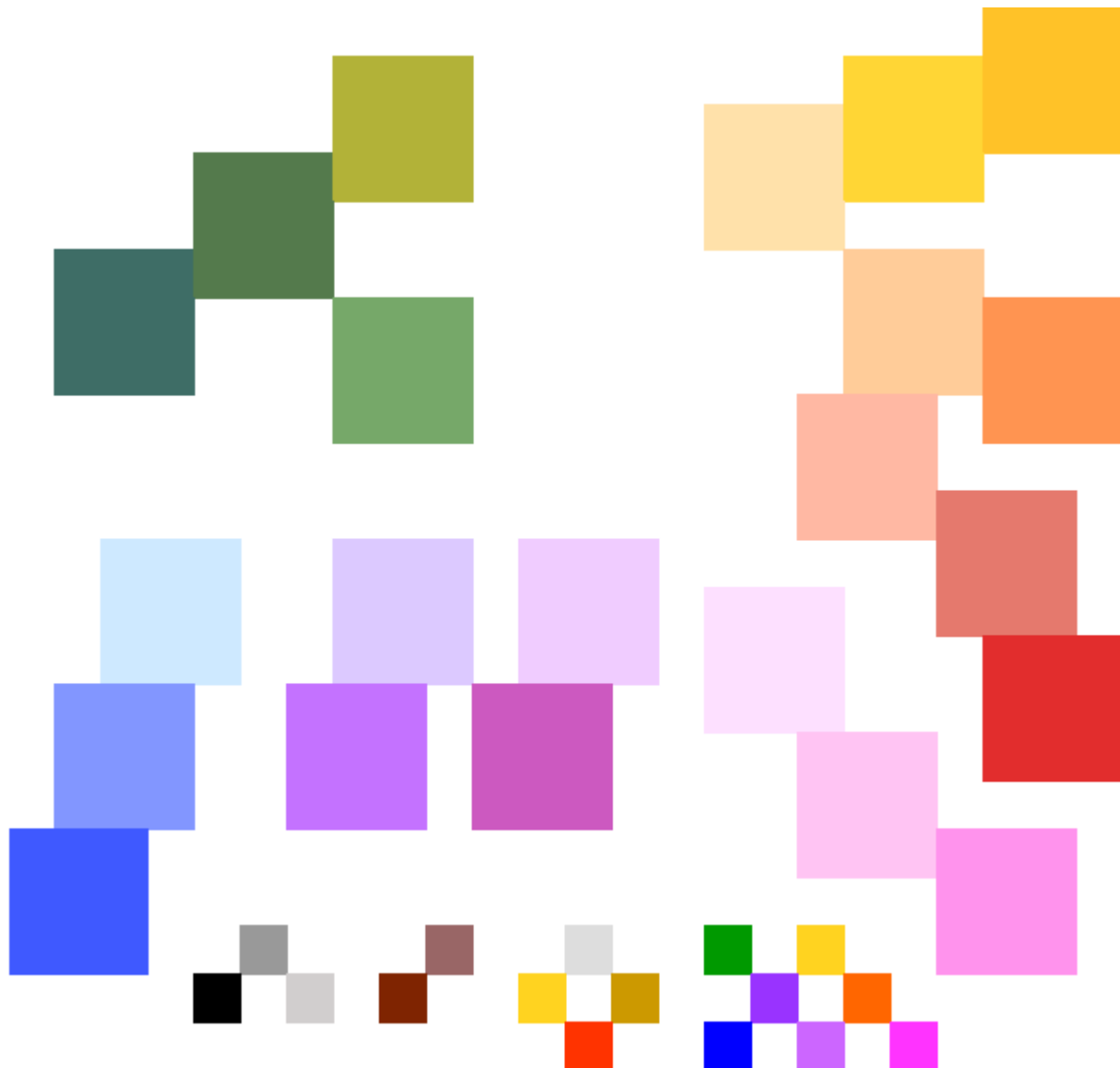
Masterbatches for Bioplastics/Biocomposites/Blends: PLA, PBS, PHA, PCL, CAPROWAX P™/Blends/BioMineralComposite, Bio-NFC/WPC, Casein, PVOH, Polysaccharides/Derivates, PVAc/Blends, Bio-TPE/UPR, NIPU.

As colourants are used biobased, biomineral and harmless, inorganic pigments with moderate, lightfast brightening without addition of Titanium Dioxide.

The carrier material is waterproof and consist of aliphatic - biodegradable MARINE, home/industrial compostable - certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

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Colourations of bioplastics comply the specifications of DIN EN 13432.



Albrecht Dinkelaker
Polymer- and Product Development

[info\(at\)polyfea2.de](mailto:info(at)polyfea2.de)




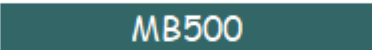







www.caprowax-p.eu

CAPROWAX P™ compostable of course



>COLOURATION<

Masterbatches for translucent colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red 114 T		Red Y 121 T tex	AR
Yellow 310 T tex	AR 	Green 427 T tex	
Green 413 T tex	MB500 	Green 426 T tex	
Green AR 430 T tex	LP/AR 	Blue AR 530 T tex	LP/AR 
Blue G 511 T tex		Blue R 516 T tex	
Violet B 616 T		Violet R 617 T	
R: reddish Y: yellowish G: greenish B: bluish T: translucently			
tex: suited for colouration of filaments LP: Laboratory prototype AR: acid resistant			
MB500 = 500g sample for process engineering experiments			

The compostability of carrier material is examined by MFPA, University Weimar:

Test material: **CAPROWAX P° 6006**

Test certificate No.: P31029-05 according to DIN EN 13432

Thermoplastic application for translucent to transparent, full covering and effecting colouration: Processing at 90-200°C, short time up 220°C.

Pigments are biobased, biomineral, natural mica, calcined, pigmentlike Kaolin and of inorganic, synthetic production. They are harmless, lightfast, non-migratory, temperature stable, insoluble in water, comparable with natural, mineral pigments, already mineralised and partially soil improving: **QX see page 3.**

They are low-dusty incorporated in compostable carrier material and masterbatch pellets are added to different bioplastics in a range of 0,5-4%.

Effect, pearlescent Masterbatches *LP without Titanium Dioxide

Matte Gold light 9307 	Matte Silver white 9002 
Matte Gold medium 9308 	Matte Silver classic V 9003 
Red 9101 	Bronze 9701 
*LP = Laboratory Prototype	V = Vegetable carbon, biobased

Colourations of bioplastics comply the specifications of DIN EN 13432.

Masterbatches for covering colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red FK 133 tex	AR	Red FK 112	LP
Lava-Red 134 QX	LP	Red FK 117	LP/AR
Orange FK 204	AR	Orange FK 203	LP/AR
Orange 206 BM QX	LP/AR	Yellow 314 BM QX	LP/AR
Yellow FK 320	LP/AR	Yellow FK 306	LP/AR
White FK 005 tex	AR	White C 004 BM QX	MB500
Green 416 ww tex		Green 417 ww tex	
Green FK 446 tex	LP	Green 448 ww tex	LP
Green FK 443 tex	LP	Green FK 440 tex	LP
Green 444 BM QX	LP	Blue G 545 BM QX	LP
Blue FK G 510 tex	LP	Blue FK G 509	LP
Blue FK G 512		Blue FK R 542	LP
Violet FK B 605	LP/AR	Violet FK R 608	LP/AR
Violet B 636 BM QX	AR	Violet R 637 BM QX	AR
Brown V 713 BM QX	LP	Brown FK V 709 QX	LP/AR
Lava-Brown 717 QX	LP/AR	Lava-Brown 715 QX	LP/AR
Grey 821 BM QX		Grey FK 824 S wcb tex	LP/AR
Lava-Grau FK 833 QX	LP	Black V 804 QX	AR
Lava-Black 806 QX	LP	Black 801 wcb	AR

V: vegetable Carbon, biobased FK: Kaolin, calcined ww = without TiO2 AR = acid-stable
 BM: BioMineral, natural Calcite QX = soil improvement S: heat stable up to 220°C
 R: reddish G: greenish B: bluish LP: Laboratory Prototype wcb = without carbon black

tex: suited fo filaments MB500 = 500g sample for process engineering experiments

Products for soil improvement QX:

- QX = biobased vegetable carbon, Lava rock flour, soil improvement, water retention capacity
- BM = BioMineral, natural Calcite, acid-binding and soil similar
- FK = calcined Kaolin, compost friendly

Addition of CAPROWAX P - Masterbatches to different bioplastics: 0,5-4%.
 The brightening of the product palette is changed to the eco-friendly, soil similar, pigmentlike, calcined Kaolin (FK) as a white pigment.

Your order of CAPROWAX P™ - Masterbatches

See colour palettes page 2-3: **Shades of colours + code**

All shades of colour are comparable or similar to the product colours. Masterbatches are produced batchwise together with compostable carrier material and pigments by contract manufacturing.

Technical samples: You can get up to 4 samples a 50g pellets free of charge
For additional process engineering experiments you can get 500g MB500 samples see page 2-3.
After consultation 20-25 kg testmaterial for scaling up

New MB-Recipes: Coloured CAPROWAX P™ - Buttons on request.

Supply quantities:	100 kg, 200 kg, 500 kg
+/- 25 kg:	After your selection you will get an offer about location-based, direct delivery
25 kg PE-Bags in carton or on palett	For a better raw material procurement a yearly forecast is required
	*) Since corona crisis the delivery of raw material is temporarily delayed
Market area:	European Union
Prices:	According to offer
Payment conditions:	According to offer
Delivery date *):	after completely delivery of raw material to the toll manufacturer plus up to 6 - 7 weeks
Miscellaneous:	Product infos and SDS

Informations, quote requests and orders at

Albrecht Dinkelaker

Polymer and Product Development

Talstraße 83

info(at)polyfea2.de

D 60437 Frankfurt am Main

Fon: 069 76893910

Banking details/Finance office: On request

VAT-No.: DE165 604 009

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