

# Masterbatches delivery list CAPROWAX P™

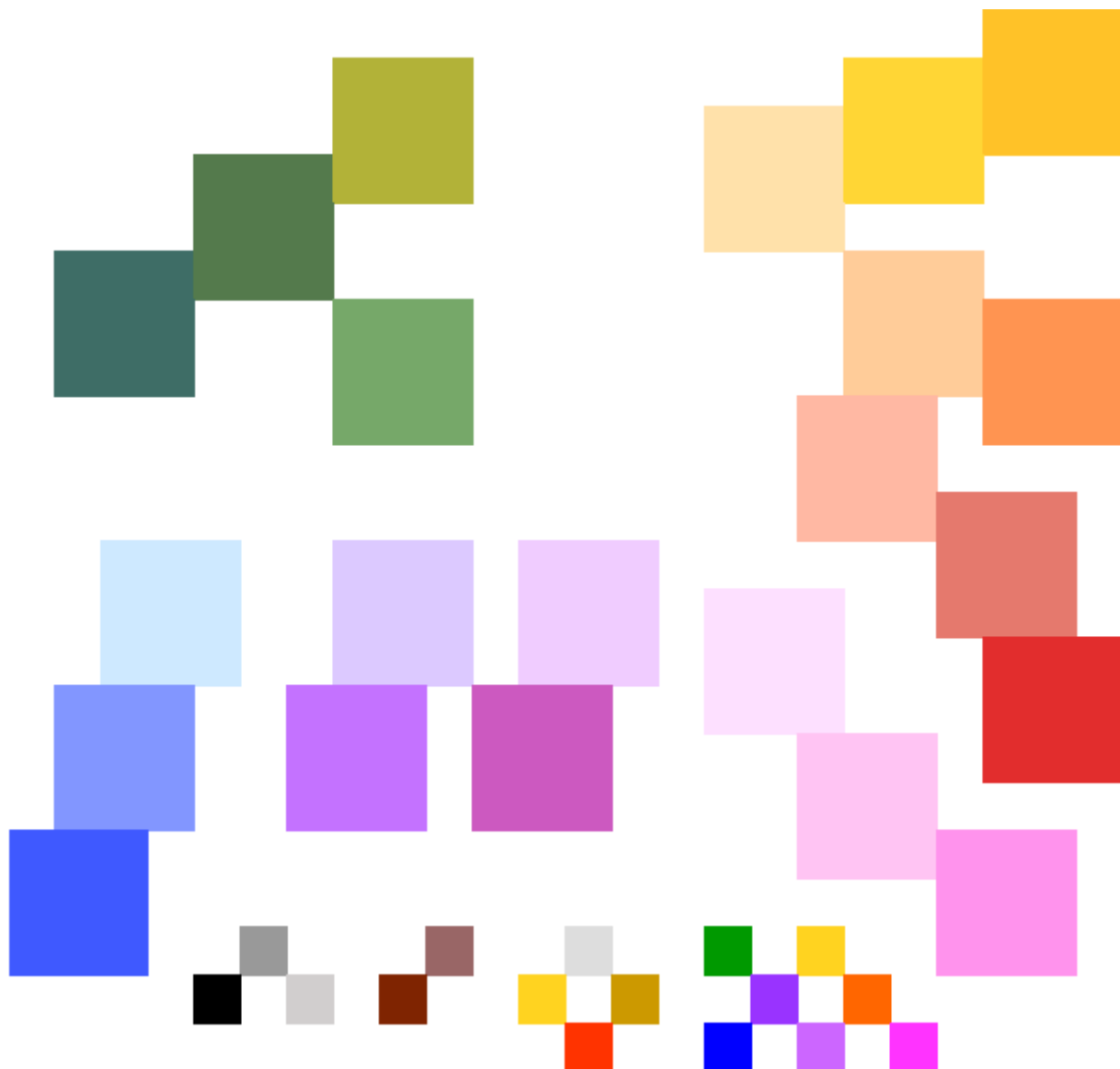
**Masterbatches** for Bioplastics/Biocomposites/Blends: PLA, PBS, PHA, PCL, CAPROWAX P™/Blends/BioMineralComposite, Bio-NFC/WPC, Casein, PVOH, Polysaccharides/Derivates, PVAc/Blends, Bio-TPE/UPR, NIPU.

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.



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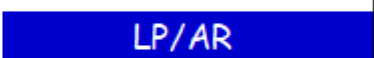




CAPROWAX P™ compostable of course

B O W  
R A I N S O I L

# >C O L O U R A T I O N<

## Masterbatches for translucent colouration

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CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red 114 T		Red Y 121 T tex	
Yellow 310 T tex		Green 427 T tex	
Green 413 T tex		Green 426 T tex	
Green AR 430 T tex		Blue AR 530 T tex	
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	
<b>MB500 = 500g sample for process engineering experiments</b>			

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, bio-mineral, mineral and/or from inorganic, synthetic production. Moderate brightening with calcined Kaolin. 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.

**CAPROWAX P™** compostable of course

**B O W**  
**R A I N** **SOIL**

CAPROWAX P™		Shades	CAPROWAX P™		Shades
Red FK 133 tex		AR	Red FK 112		LP
Lava-Red 134	QX	LP	Red FK 117		LP/AR
Orange FK 204		LP/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		MB500/AR	White C 004 BM	QX	MB500
Green 416 tex			Green 417 tex		
Green FK 446 tex		LP	Green 448 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 V 724 BM	QX	LP/AR
Brown FK V 709	QX	LP	Brown FK V 711	QX	LP
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-Grey 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      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** page 4 of 4

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:** For you first tests: 4 samples a 50g pellets or LP-flakes  
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.

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

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Informations, quote requests and orders at

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