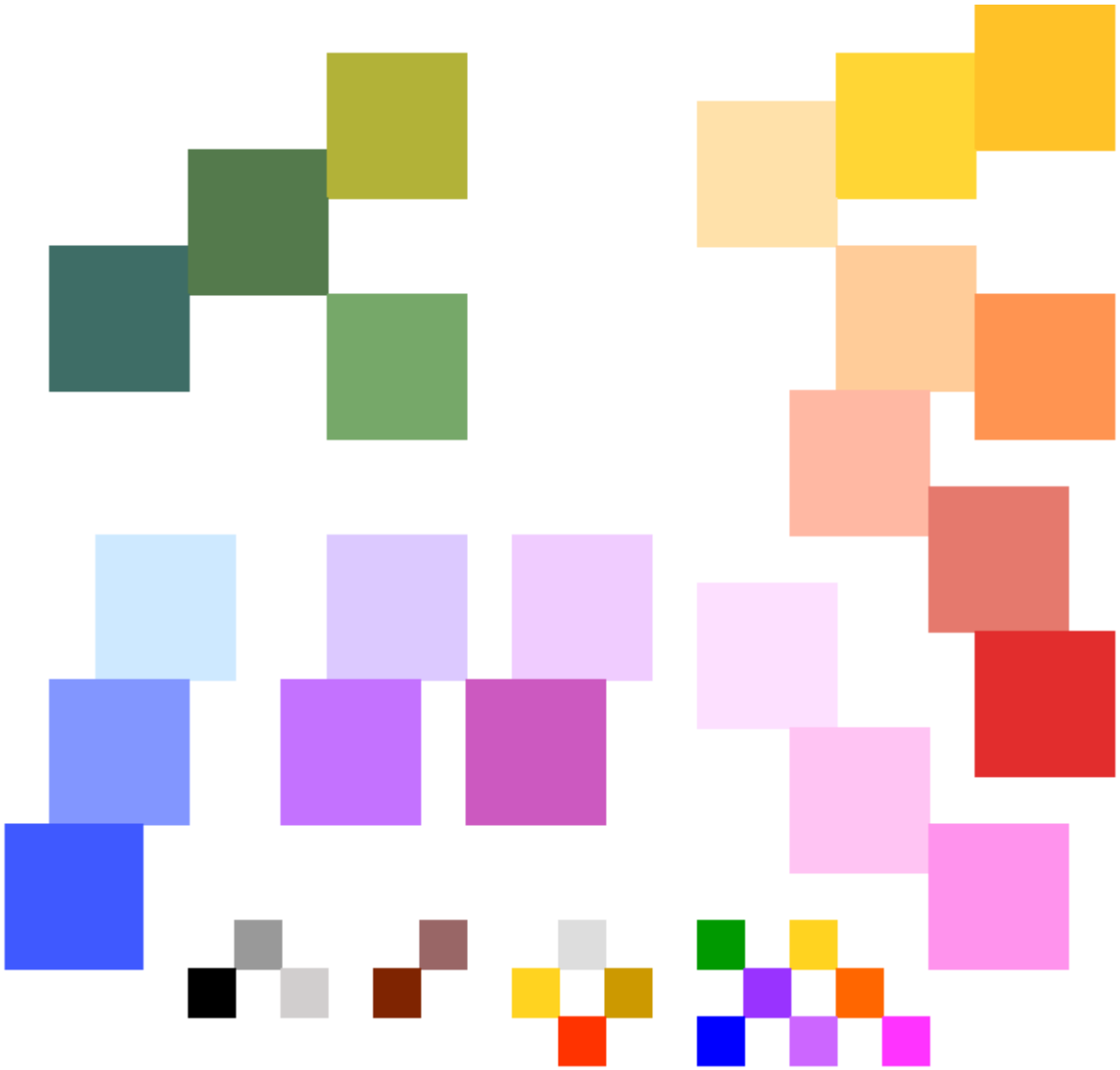
Masterbatches delivery list CAPROWAX P™

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, without food/fodder plant oil.
Colourations of bioplastics comply the specifications of DIN EN 13432.



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CAPROWAX P™ compostable of course

BOW RAIN SOIL

>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 pearlescent colouration: Processing at 90-200°C, short time up 220°C.
Pigments are biobased, bio-mineral, mineral, harmless inorganic from synthetic production.
Moderate, lightfast brightening with calcined Kaolin without addition of TiO2.
They are harmless, lightfast, non-migratory, temperature stable, majority insoluble in water, chemically 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%.

Pearlescent Masterbatches *LP without addition of Titanium Dioxide

Matt Gold light 9307		Pearlescent neutral 9002	u
Matt Gold medium 9317	#	Pearlescent white 9011	u
Matt Gold dark 9314		Matt Silver classic V 9012	#
Red 9101		Matt Silver silky V 9016	#
Bronze 9701		Matt Silver grey V 9014	#

# = also for opaque or filled BioPolymers / u = matt pearlescent for all colours
V = vegetable carbon black, biobased / *LP = Laboratory prototype

Colourations of bioplastics comply the specifications of DIN EN 13432.

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Masterbatches for covering colouration

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	Orange FK 205		LP/AR
Yellow FK 320		LP/AR	Yellow FK 306		LP/AR
Yellow 314 BM	QX	LP/AR	Yellow FK 312		LP/AR
White C 004 BM	QX	MB500	White FK 005 tex		MB500/AR
Grün 416 tex			Grün 417 tex		
Grün FK 446 tex		LP	Grün FK 440 tex		LP
Grün 444 BM	QX	MB500	Grün FK 443 tex		LP
Blue FK G 510 tex		LP	Blue G 545 BM	QX	LP
Blue FK G 512		MB 500	Blue FK G 509		LP
Violet FK B 605		LP/AR	Blue FK R 542		LP
Violet B 636 BM	QX	AR	Violet FK R 608		LP/AR
Brown V 713 BM	QX	LP	Violet R 637 BM	QX	AR
Brown FK V 709	QX	LP	Brown V 724 BM	QX	LP/AR
Lava-Brown 717	QX	LP/AR	Brown FK V 711	QX	LP
Grey 821 BM	QX		Lava-Brown 715	QX	LP/AR
Lava-Grey FK 833	QX	LP	Grey FK 824 S wcb tex		LP/AR
Black 801 wcb		AR	Black V 804	QX	AR
Black V 8121	QX	LP/AR	Lava-Black 806	QX	LP
BioMineralComposite direct compound BM42030			Black V 8117	QX	AR

AR = acid-stable S: heat stable up to 220°C wcb = without carbon black LP: Laboratory Prototype
R: reddish G: greenish B: bluish MB500 = for process engineering experiments

Products QX for soil improvement and fertility:

QX = Soil improvement, water retention capacity, fertility
V = Biobased: Vegetable carbon from coconut shells/Activated carbon from wood
BM = BioMineral, natural Calcite, acid-binding
Lava = Lava rock flour from the volcanic eifel
FK = Moderate brightening with the eco-friendly, pigmentlike, Kaolin (calcined)
Addition of CAPROWAX P - Masterbatches to different bioplastics: 0,5-4/6%.

CO2 long-term fixation by vegetable carbon/lava rock flour

CAPROWAX P™ compostable of course

BOW RAIN SOIL

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: 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.

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 supply chain 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

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