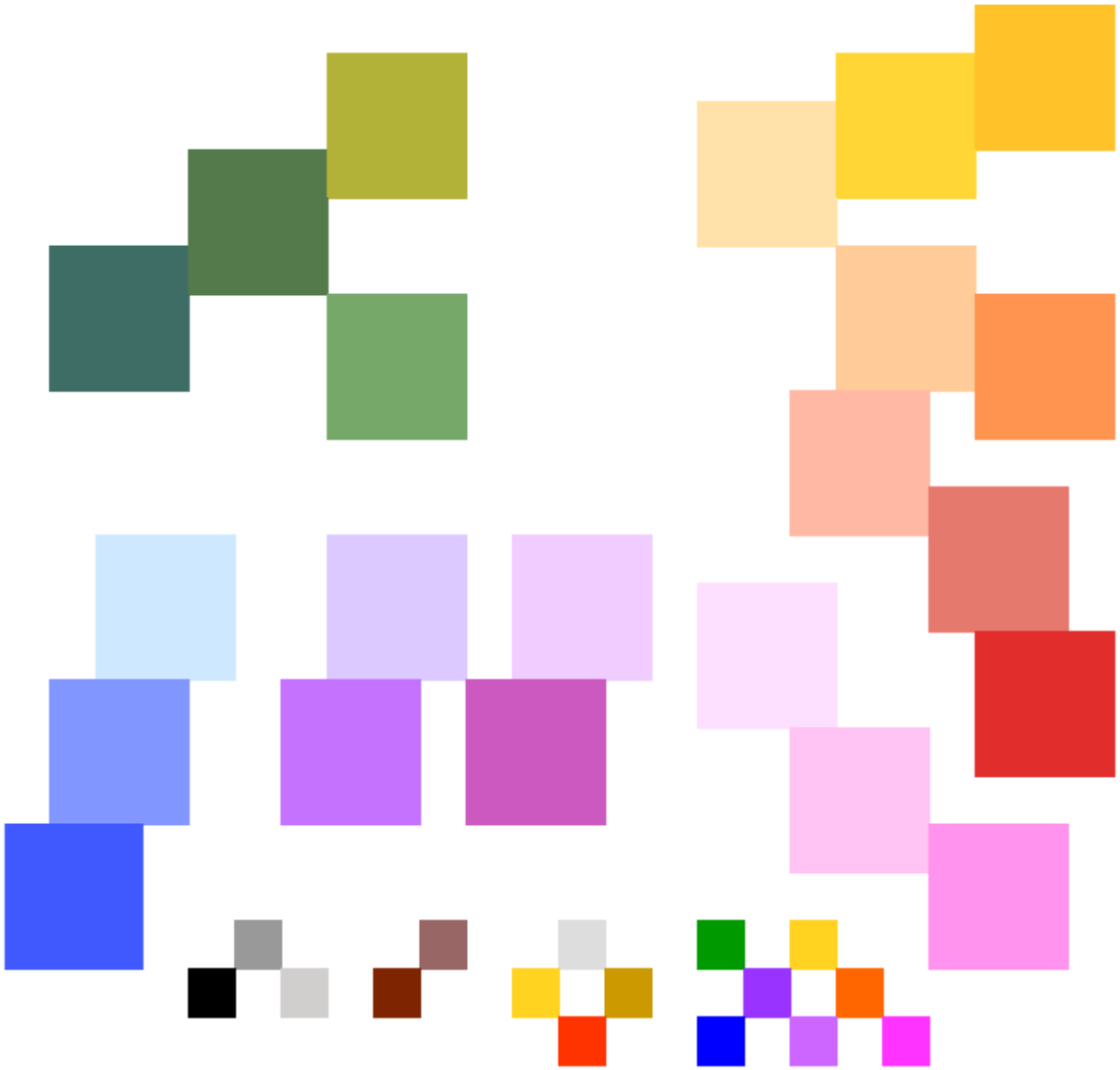
Masterbatches delivery list 06-25 CAPROWAX P™

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	
Yellow 310 T tex		Green 427 T tex	
Green 413 T tex	MB500	Green 426 T tex	
Green AR 430 T tex	LP	Blue AR 530 T tex	LP
Blue G 511 T tex		Blue R 516 T tex	
Violet B 616 T		Violet R 617 T	
Violet B 630 T tex	LP	Violet R 635 T tex	LP

R: reddish Y: yellowish G: greenish B: bluish T: translucently

tex: suited for colouration of filaments LP: Laboratory prototype AR: acid resistant

MB500 = 500 g 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 mpc LP without addition of Titanium Dioxide

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

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

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		LP/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	Orange FK 205		LP/AR
Yellow FK 320		LP/AR	Yellow FK 306		LP/AR
Yellow 314 BM	QX	LP	Yellow FK 312		LP/AR
White C 004 BM	QX	MB500	White FK 005		MB500/AR
Green 416			Green 417		
Green FK 446		LP	Green FK 440		LP
Green AR 460 BM	QX	LP	Green FK 443		LP
Blue FK G 510		LP	Blue AR 555 BM	QX	LP
Blue FK G 512			Blue FK G 509		LP
Violet FK B 605		LP	Blue FK R 542		LP
Violett FK B 643		LP	Violet FK R 608		LP
Brown V 713 BM	QX	LP	Violet FK R 644		LP
Brown FK V 709	QX	LP/AR	Brown V 724 BM	QX	LP
Lava-Brown 717	QX	LP	Brown FK V 711	QX	LP/AR
Grey 821 BM	QX		Lava-Brown 715	QX	LP
Lava-Grey FK 833	QX	LP	Grey FK 824 S		LP/AR
Black 801		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-/alkali stable S: heat stable up to 220 °C LP: Laboratory Prototype
R: reddish G: greenish B: bluish MB500 = 500 g sample 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

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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 50 g pellets or LP-flakes
For additional process engineering experiments
you can get 500 g 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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