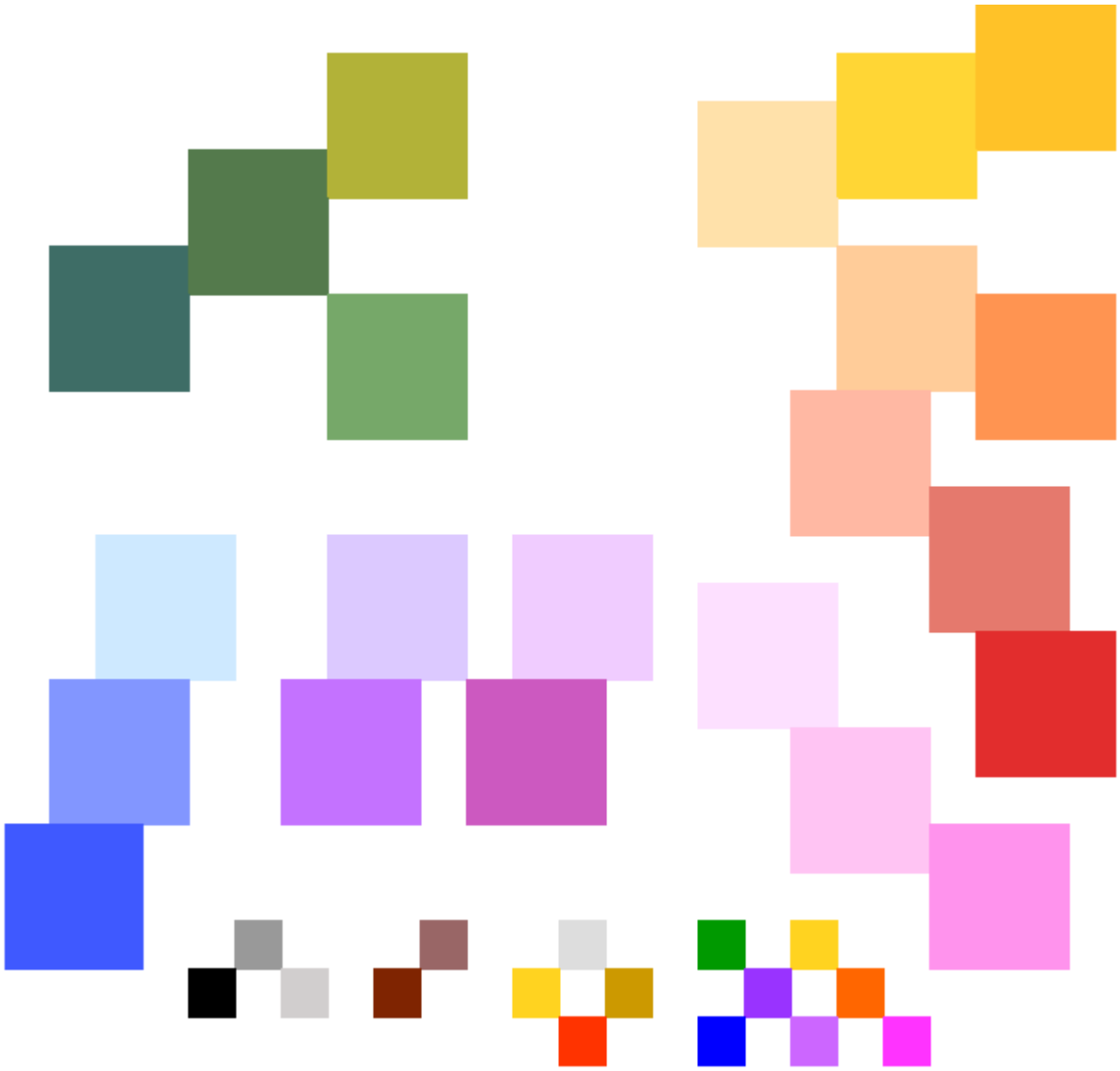
Masterbatches delivery list CAPROWAX P™

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, bio-mineral and/or harmless, inorganic pigments with sustainable, lightfast brightening prefers without Titanium Dioxide. The carrier material is compostable and waterproof.

Colourations of bioplastics comply the specifications of DIN EN 13432.



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

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	
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

MB500 = 500g sample for process engineering experiments

Addition of translucent CAPROWAX P - Masterbatches to different bioplastics: 0,5-4%.
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. CAPROWAX P™- carrier material consist of aliphatic, home/industrial compostable certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

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

Translucent to transparent, pearlescent or full covering colouration:
Injection- / Vacuum- / Blow- / Compression- / Melt-Moulding,
Mono-/Multifilaments, Foils/Sheets, Hotmelts, NF-BioComposites,
Thermoplastic Plasticine, Foams and Coating.

Pigments are biobased, biomineral or calcined, pigmentlike Kaolin and/or of inor-ganic, synthetic production. They are harmless, lightfast, non-migratory, temperature stable, insoluble in water, comparable with natural, mineral pigments and already mineralised. They are low-dusty incorporated in compostable carrier material and masterbatch pellets are added to different bioplastics in a range of 0,5-6%. Processing at 90-200°C, short time up 220°C. In coloured final products content of each separate pigment is ≤1%.
Colouration of bioplastics comply the specifications of DIN EN 13432.

Masterbatches for covering colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red 112 lw		Red FK 112	LP
Red 116 lw tex	MB 500	Red FK 117	LP
Orange FK 204	LP	Orange FK 205	LP
Yellow 307 lw tex		Yellow FK 312	LP
White FK 005 tex		White C 004 BM ww	MB500
Green 412 lw		Green 418 ww tex	
Green 417 ww tex		Green 416 ww tex	
Blue G 510 lw tex	MB500	Blue FK G 543	LP
Blue FK G 512	LP	Blue FK R 542	LP
Violet FK B 605	LP	Violet FK R 608	LP
Violet B 607 lw tex		Violet R 610 lw tex	
Brown 702 lw tex		Brown FKV 709 bb tex	LP
Grey 821 BM ww		Grey FK 824 S	LP
Black 801		Black V 804 bb	LP

V: vegetable Carbon bb: biobased FK: Kaolin, calcined ww = TiO2 free

BM: Biomineral, natural Calcium Carbonate lw = ≤ 0,1% TiO2 in coloured polymer

R: reddish G: greenish B: bluish LP: Laboratory Prototype

tex: suited for colouration of filaments S: heat stabel up to 220°C

MB500 = 500g sample for process engineering experiments

Addition of CAPROWAX P - Masterbatches to different bioplastics: 0,5-4%.

A brightening without Titanium Dioxide is possible. The palette of masterbatches is changed to the eco-friendly, soil-related, calcined, pigmentlike Kaolin (FK) as white pigment. Titanium Dioxide will be used strong reduced only. The biomineral, Calcium Carbonate is used as a white pigment with gentle covering brightening.

All shades of colour are comparable or similar to the product colours.

Injection-/ Vacuum-/ Blow-/ Compression/ Melt-Moulding, Foils/Sheets, Filaments, Hotmelts, NF-BioComposites, Plasticine, Film, Foams, Coating

Your order of CAPROWAX P™- Masterbatches see page 4

Your order of CAPROWAX P™- Masterbatches

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

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

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 temporally 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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