

COLOUR PALETTE with LP-Laboratory prototypes of new CAPROWAX P™ - Masterbatches without TiO2

LP-Colour prototypes see pages 2-5: CAPROWAX P™ + shade + LP-Code

Sampling with 50g LP-Masterbatch-Recipes in form of flakes.

After customer selection a technical sample will be produced.

Colour buttons on request

Further projects with CAPROWAX P™ - basic material

Monofilaments, hotmelt:

CAPROWAX P™ 6006-00-000

Plasticine, modelling bloc

CAPROWAX P™ 6070-T215

CAPROWAX P™ 6070-C65-T215

Hydrophobising:

CAPROWAX P™ 6077-1004

Bio-Dry-Blend-NF-Composites:

CAPROWAX P 6006-65-NFxxxx with
10 - 40 % content of nature fibres

Scale of projects:

According to agreement

Samples on request:

300g in fragmented or powdered form

Material for projects

batchwise on request

Miscellaneous:

Product information and SDS

Project request at info@polyfea2.de

Albrecht Dinkelaker

Polymer- and Product Development

Talstrasse 83, D 60437 Frankfurt am Main















Fon ++49 60 76 89 39 10

Mobil ++49 176 55 28 46 04

Bankverbindung und Finanzamt: Auf Anfrage

Umsatzsteuer-ID.-Nr.: DE 165 604 009

Project LP-**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		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	
Violet B 630 T tex		Violet R 635 T tex	
R: reddish	Y: yellowish	G: greenish	B: bluish
T: translucently		LP: Laboratory prototype AR: acid resistant	
tex: suited for colouration of filaments		MB500 = 500g sample for process engineering experiments	

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

Injection- /Vacuum- /Blow- and Compression-Moulding, Filaments, Foils/Sheets, Hotmelts, Thermoplastic Plasticine, Foams and Coating. All shades of colour are comparable or similar to the product colours.

Application projects with pearlescent pigments

For your shortlist: Coloured buttons of MB-Laboratory prototypes (LP) with CAPROWAX P™-Blends on request

CAPROWAX P™	Shade	CAPROWAX P™	Shade
Gold 9301		Gold 9302	
Silver 9001		Bronze 9701	
Rot 9101			

Addition of Pearlescent-Masterbatches to different bioplastics: 0,5-6% Harmless, pearlescent pigments: Mica coated with TiO₂ and/or Fe₂O₃

Preferably pearlescent masterbatch Silver 9001 is additive combinable with translucent CAPROWAX P-Masterbatches to yield diverse pearlescent colouration preferably in a proportion of 2:1.

CAPROWAX P™ compostable of course



Project LP-**Masterbatches** for chromatic, covering colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red FK 133 tex	LP	Red 112 lw	
Red FK 112	LP	Red 115 BM ww QX	LP
Red FK 117	LP	Red FK 130	LP
Red FK 115	LP	Red 116 lw tex	MB 500
Orange FK 205	LP	Orange 203 BM ww QX	LP
Orange FK 203	LP	Orange FK 204	LP
		Orange 204 lw tex	
Yellow FK 312	LP	Yellow 306 BM ww QX	LP
Yellow FK 306	LP	Yellow FK 320	LP
		Gelb 307 lw tex	
Grün 444 BM ww QX	LP	Grün 418 ww tex	
Grün 417 ww tex		Grün 416 ww tex	

BM: Biomineral, natural Calcium Carbonate **ww = TiO2 free** **FK: Kaolin, calcined**
lw = ≤ 0,1% TiO2 in coloured polymer **LP: Laboratory prototype**

tex: suited for colouration of filaments

MB500 = 500g sample for process engineering experiments after consultation

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Products for soil improvement **QX**:

BM = BioMineral, natural calcite, acid-binding and soil similar **QX**

FK = calcined Kaolin, compost friendly

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

Titanium Dioxide will be used strong reduced only.

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

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Green 441 FK	LP	Green AR 435 ww tex	LP
Grün FK 446 tex	LP	Green AR 433 ww tex	LP
Green FK 440	LP	Blue FK G 543	LP
Blue G 509 BM ww QX	LP	Blue FK G 509	LP
Blue FK G 510 tex		Blue FK G 512	
Blue G 510 lw tex	MB500	Blue FK R 542	LP
Blue R 541 BM ww QX	LP	Violet R 637 BM ww QX	LP
Violet B 636 BM ww QX	LP	Violet FK R 608	LP
Violett FK B 605	LP	Violet R 610 lw tex	
Violet B 607 lw tex		Violet R 609 lw tex	
Violet B 606 lw tex		Brown FK 705 S wcb	LP
Brown FK V 712 bb QX/QA	LP	Brown 702 lw wcb tex	
Brown FK V 709 bb QX/QA	LP	Brown FKV 711 bb QX/QA	LP
V: vegetable Carbon bb: biobased FK: Kaolin, calcined ww = TiO2 free BM: Biomineral, natural Calcite lw = ≤ 0,1% TiO2 in coloured polymer R: reddish G: greenish B: bluish wcb = without carbon black LP: Laboratory Prototype tex: suited for colouration of filaments S: heat stabel up to 220°C AR = acid resistant MB500 = 500g sample for process engineering experiments			

Products for soil improvement QX:

- QX/QA** = biobased vegetable carbon, Lava-Powder, water retention capacity
- BM** = BioMineral, natural calcite, acid-binding and soil similar QX
- FK** = calcined Kaolin, compost friendly

Addition of CAPROWAX P - **Masterbatches** to different bioplastics: 0,5 to 4 %
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 Titanium Dioxide will be used strong reduced only.

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

Project LP-Masterbatches for achromatic, covering colouration

CAPROWAX P™	Shade achromatic	Description
White FK 005 tex		Kaolin, calcined
White C 004 BM ww QX	MB500	natural Calcite/ Iron Oxide Black
Grey 821 BM ww/wcb QX		natural Calcite/ Iron Oxide Black
Grey FK 822 wcb	LP	Kaolin, calcined / Iron Oxide Black
Grey FK 824 S wcb tex	LP	Kaolin, calcined / Iron Oxide Black (S)
Grey FK V 827 bb QX/QA	LP	Kaolin, calcined / vegetable carbon black
Lava-Grey 833 QX/QA	LP	Lava-Powder volcanic Eifel, Iron Oxide, Kaolin
Black 801 wcb		Iron Oxide Black
Black 803 S wcb tex	LP	Iron Oxide Black (S)
Black V 804 bb QX/QA		vegetable Carbon Black
V: vegetable carbon black	bb = biobased	BM: Biomineral, natural Calcite
FK: Kaolin, calcined	ww = TiO2 free	tex = suited for colouration of filaments
LP: Laboratory sample	wcb = with out carbon black	S: heatstable up to 220°C
MB500 = 500g sample for process engineering experiments		

Products for soil improvement QX:

QX/QA = biobased vegetable carbon, Lava-Powder, water retention capacity

BM = BioMineral, natural calcite, acid-binding and soil similar QX

FK = calcined Kaolin, compost friendly

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