

## 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](mailto:info@polyfea2.de)

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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 tex: suited for colouration of filaments    LP: Laboratory prototype    AR: acid resistant 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 TiO<sub>2</sub> and/or Fe<sub>2</sub>O<sub>3</sub>

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.

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

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<b>CAPROWAX P™</b>	Shade chromatic	<b>CAPROWAX P™</b>	Shade chromatic
Red <b>FK</b> 111	LP	Red 112 lw	
Red <b>FK</b> 112	LP	Red 115 <b>BM ww</b>	LP
Red <b>FK</b> 117	LP	Red <b>FK</b> 130	LP
Red <b>FK</b> 115	LP	Red 116 lw tex	
Orange <b>FK</b> 205	LP	Orange 203 <b>BM ww</b>	LP
Orange <b>FK</b> 203	LP	Orange <b>FK</b> 204	LP
		Orange 204 lw tex	
Yellow <b>FK</b> 312	LP	Yellow 306 <b>BM ww</b>	LP
Yellow <b>FK</b> 306	LP	Yellow <b>FK</b> 320	LP
		Yellow 307 lw tex	
Green <b>FK</b> 441	LP	Green 418 ww tex	
Green 417 ww tex		Green 416 ww tex	
<b>BM: Biomineral, natural Calcium Carbonate</b>		<b>ww = TiO2 free</b>	
lw = ≤ 0,1% TiO2 in coloured polymer		<b>FK: Kaolin, calcined</b>	
<b>tex: suited for colouration of filaments</b>		LP: Laboratory prototype	
<b>MB500 = 500g sample for process engineering experiments after consultation</b>			
Continuation next page >>>>>>>>			

Addition of **CAPROWAX P** - **Masterbatches** to different bioplastics: 0,5-4%  
 Step by step the palette of Masterbatches will be expanded or adjusted to the ecofriendly, calcined pigmentlike Kaolin (FK) as white pigment.

With calcined Kaolin (FK) brightened colourations of different BioPlastics or BioComposites content max. 0,1 % natural TiO2. The biomineral, natural carbonate (BM), is used as a dull white pigment with gentle covering brightening.

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

**Covering colouration:** Injection-/ Vacuum-/ Blow-/ Compression-Moulding, Foils/Sheets, Hotmelts, NF-BioComposites, Plasticine, Film, Foams, Coating.

**CAPROWAX P™** compostable of course



# Project LP - Masterbatches for chromatic, covering colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Green 444 BM ww	LP	Green AR 435 ww tex	LP
Green 412 lw		Green AR 433 ww tex	LP
Grün FK 440	LP	Blau FK G 543	LP
Blau G 509 BM ww	LP	Blau FK G 509	LP
Blau G 510 lw tex	MB 500	Blau FK G 512	LP
Blau R 541 BM ww	LP	Blau FK R 542	LP
Violet B 636 BM ww	LP	Violet R 637 BM ww	LP
Violet FK B 605	LP	Violet FK R 608	LP
Violet B 607 lw tex		Violet R 610 lw tex	
Violet B 606 lw tex		Violet R 609 lw tex	
Brown FKV 712 bb	LP	Brown FK 705 S	LP
Brown V 713 BM bb ww	LP	Brown 702 lw tex	
Brown FKV 709 bb tex	LP	Brown FKV 711 bb tex	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	AR = acid resistant	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%  
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With calcined Kaolin (FK) brightened colourations of different BioPlastics or BioComposites content max. 0,1 % natural TiO2. The biomineral, natural carbonate (BM), is used as a white pigment with gentle covering brightening.

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

Covering colouration: Injection-/ Vacuum-/ Blow-/ Compression-Moulding, Foils/Sheets, Hotmelts, NF-BioComposites, Plasticine, Film, Foams, Coating.

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# Project LP-Masterbatches for achromatic, covering colouration

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CAPROWAX P™	Shade achromatic	Description
White FK 005 tex		Kaolin, calcined
White C 004 BM ww	MB500	natural Calcium Carbonate
Grey 821 BM ww		natural Ca-Carbonate / Iron Oxide Black
Grey FK 822	LP	Kaolin, calcined / Iron Oxide Black
Grey FK 824 S	LP	Kaolin calcined / Iron Oxide Black (S)
Grey FK V 827 bb	LP	Kaolin calcined / vegetable Carbon (tech)
Black 801		Iron Oxide Black
Black 803 S tex	LP	Iron Oxide Black (S)
Black V 804 bb	LP	vegetable Carbon (tech)
V: vegetable Carbon	bb: biobased	tech = technically LP: Laboratory prototype
FK: Kaolin, calcined	ww: TiO2 free	BM: Biomineral, natural Calcium Carbonate
tex = suited for colouration of filaments		S: heat stable up to 220°C
MB500 = 500g sample for process engineering experiments		

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

Step by step the palette of Masterbatches will be expanded or adjusted to the ecofriendly, calcined pigmentlike Kaolin (FK) as white pigment.

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