

CAPROWAX P Material Sale and Projects

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CAPROWAX P™-Masterbatches for bioplastics / biocomposites

COLOUR PALETTE see page 3-6: **CAPROWAX P™ + shade + 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 3-6

| | |
|----------------------------|--|
| Market area: | European Union |
| Order quantities +/- 25kg: | 100kg, 200kg, 500kg / batchwise manufactured by toll manufacturer |
| Prices: | According to offer |
| Payment condition: | According to offer |
| Delivery date: | 6 - 7 weeks |
| Miscellaneous: | Product infos and SDS |

New: CAPROWAX P™ Material BioMineralComposite

| | |
|---|---|
| New: Injection moulding: Testmaterial | CAPROWAX P™ 6006-C65-BM42030 2 kg or more upon consultation |
|---|---|

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|--|--|
| New: Vacuum-/Blowforming: Testmaterial | CAPROWAX P™ 6006-C65-BM42100 CAPROWAX P™ 6006-C65-BM42150 300g or more upon consultation |
|--|--|

| | |
|--|---|
| New: Imitation of coloured stones, melting granules, release agent: | CAPROWAX P™ 6006-C65-BM4225 5kg, 25kg or more |
|--|---|

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|---|--|
| Monofiles, hotmelt, carrier: | CAPROWAX P™ 6006-00-000 |
| Sheets, foils: | CAPROWAX P™ 6006-MT215 |
| Hydrophobising and foams: | CAPROWAX P™ 6002-00-000 CAPROWAX P™ 6077-1004 |
| Modeling material, plasticine, filler: | CAPROWAX P™ 6070-T215 |
| Dry-Blend-NF-BioComposites: | CAPROWAX P™ 6006-C65-NFxxx with 20%, 30%, 40% content of nature fibres |
| Test material: | 300g Dry-Blend-Powder |
| Miscellaneous: Material for Projects | Product information and SDS batchwise on request |

COLOUR PALETTE of Laboratory prototypes (LP) CAPROWAX P™ - Masterbatches

Colour palette LP see pages 3-6: CAPROWAX P™ + shade + code
New MB-Recipes (LP): Coloured buttons on request

Projekt request at info@polyfea2.de

Albrecht Dinkelaker

Polymer- and Product Development















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Banking details/Finance office: On request

VAT-No.: DE165 604 009

| 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 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.

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.

Masterbatches for chromatic, covering colouration

| 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.

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

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