

# CAPROWAX P BioMineralComposites

## Application and Colouration

info(at)polyfea2.de

[www.caprowax-p.eu](http://www.caprowax-p.eu)

page 1 of 5

07-2022

**BioMineralComposite**  
**BM42030**  
**BM42100**  
**BM42150**

**Natural Calcite, BioMineral**  
**+ polymer/wax blend: a waterproof**  
**and compostable binder**

**Application examples**  
**for compostable and**  
**rotting products**

Products of injection moulding and vacuum forming,  
3D printing, hotmelt, sheets, composites, foils, support-  
material, substrate, frisbee disk, cans, plant plug signs,  
garden decor, soap dish, edge-protection,  
trays, wicker ribbons, bark beetle trap, stone dummy

**BioMineralComposite**  
**BM4225**

**Natural Calcite, BioMineral**  
**+ polymer/wax blend: a waterproof**  
**and compostable binder**

**Application examples**  
**for compostable and**  
**rotting products**

Injection moulding/Granulation/Scattering/Melting/  
Shaping to Calcite coloured stones imitation, deco-/  
melting granules, garden ornamental gravels,  
garden decore, carrier material, letters, signs

**Colouration with soil**  
**friendly pigments**  
**without addition of TiO<sub>2</sub>**

**CAPROWAX P Masterbatches**  
**Ultramarine, Iron Oxides and Kaolin calcined**  
**with compostable carrier material**

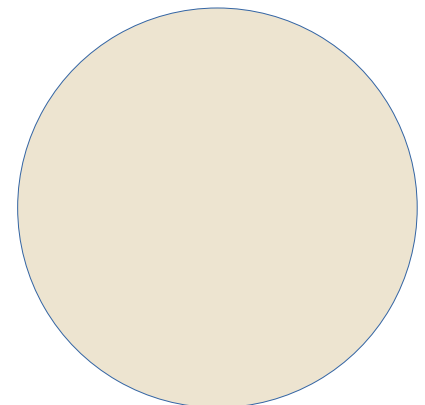
**BioMineralComposite BM42030**

**BioMineralComposite BM42100**

**BioMineralComposite BM42150**

**BioMineralComposite BM4225**

**Natural colour**



## BioMineralComposite BM42xxx

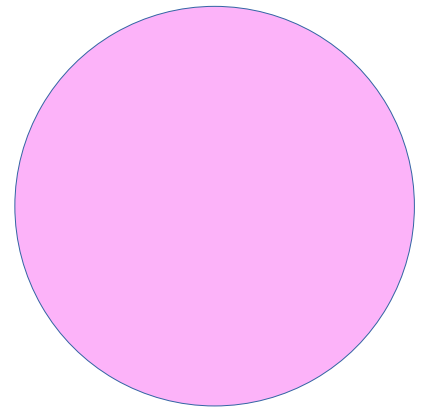
page 2 of 5

Eco friendly pigment: **Ultramarine Pink**

CAPROWAX P-Masterbatch **Red 114 T**

Recipe instruction: 2-4%

T = Translucent



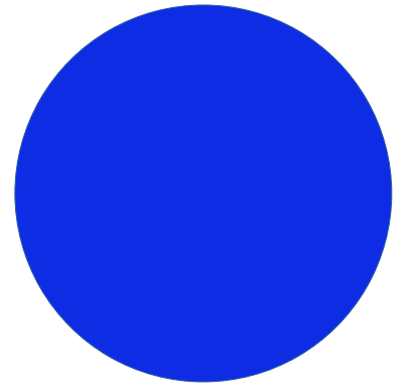
## BioMineralComposite BM42xxx

Eco friendly pigment: **Ultramarine Blue**

CAPROWAX P-Masterbatch **Blue G 511 T tex**

Recipe instruction: 1-2%

T = Translucent



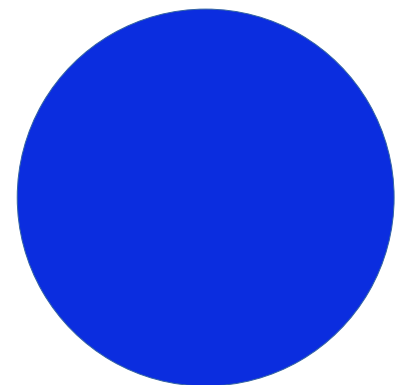
## BioMineralComposite BM42xxx

Eco friendly pigment: **Ultramarine Blue**

CAPROWAX P-Masterbatch **Blue R 516 T tex**

Recipe instruction: 1-2%

T = Translucent



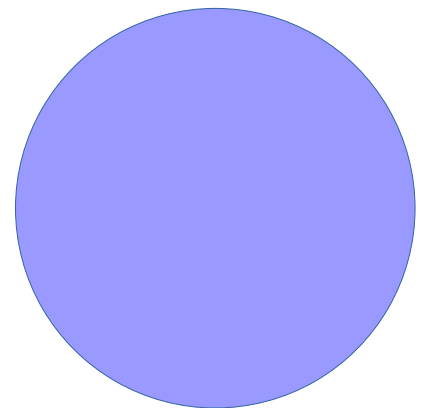
## BioMineralComposite BM42xxx

Eco friendly pigment: **Ultramarine Violet**

CAPROWAX P-Masterbatch **Violet B 616 T**

Recipe instruction: 2-4%

T = Translucent



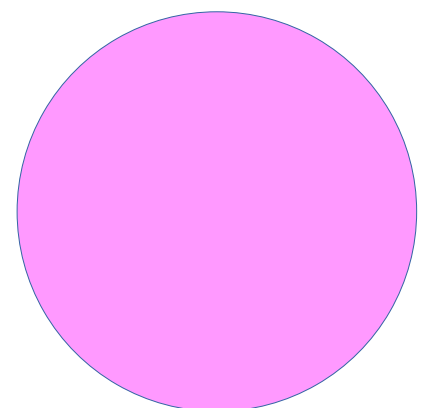
## BioMineralComposite BM42xxx

Eco friendly pigment: **Ultramarine Violet**

CAPROWAX P-Masterbatch **Violet R 617 T**

Recipe instruction: 2-4%

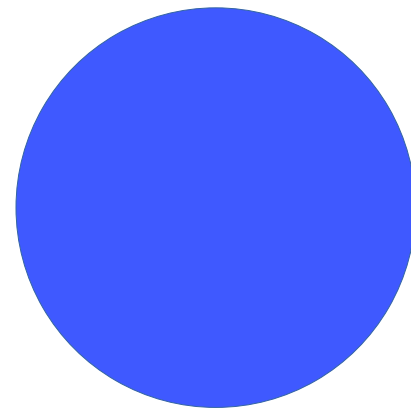
T = Translucent



### BioMineralComposite BM42xxx

Eco friendly pigment:

Ultramarine Blue  
Kaolin calcined



CAPROWAX P-Masterbatch

Recipe instruction: 1-2%

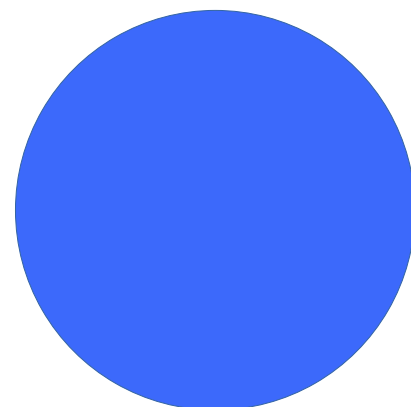
LP = Laboratory prototype

Blue FK G 510 tex  
covering LP

### BioMineralComposite BM42xxx

Eco friendly pigment:

Ultramarine Blue  
Kaolin calcined



CAPROWAX P-Masterbatch

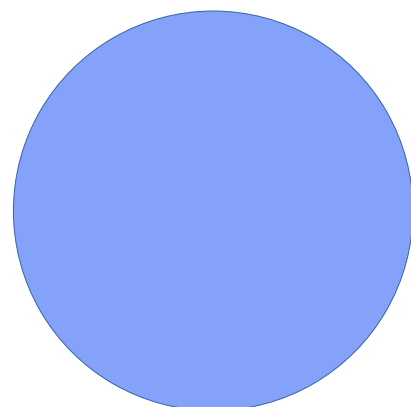
Recipe instruction: 1-2%

Blue FK G 512  
covering

### BioMineralComposite BM42xxx

Eco friendly pigment:

Ultramarine Blue  
Kaolin calcined



CAPROWAX P-Masterbatch

Recipe instruction: 2-4%

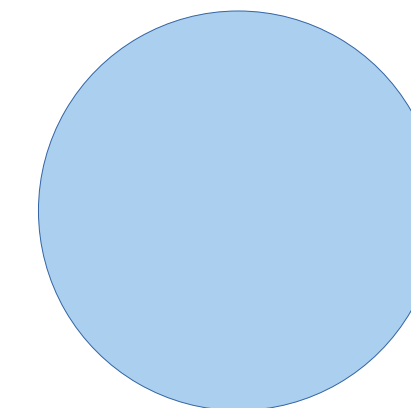
LP = Laboratory prototype

Blue FK G 509 LP  
Sky Blue, covering

### BioMineralComposite BM42xxx

Eco friendly pigment:

Ultramarine Blue  
Kaolin calcined



CAPROWAX P-Masterbatch

Recipe instruction: 2-4%

LP = Laboratory prototype

Blue FK G 543 LP  
Light Blue, covering

## BioMineralComposite BM42xxx

Seite 4 von 5

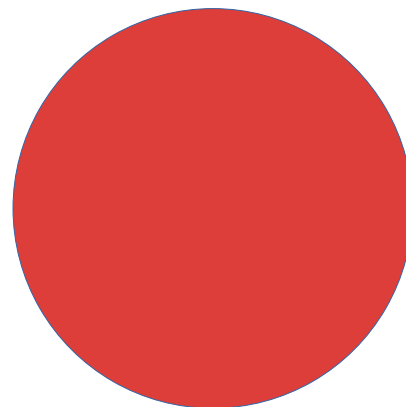
Soil-similar pigment:

Iron oxide Red  
Kaolin calcined

CAPROWAX P-Masterbatch

Rot FK 133 tex LP  
covering

Recipe instruction: 1-2%



LP = Laboratory prototype

## BioMineralComposite BM42xxx

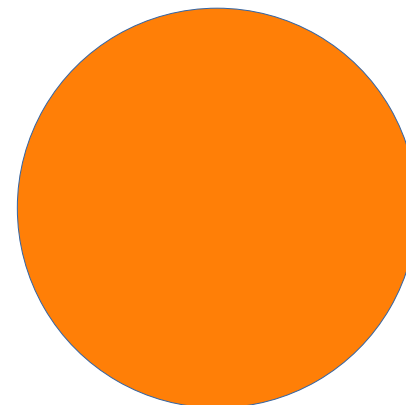
Soil-similar pigment:

Iron oxide Red  
Kaolin calcined

CAPROWAX P-Masterbatch

Orange FK 207 tex  
covering LP

Recipe instruction: 0,5-2%



LP = Laboratory prototype

## BioMineralComposite BM42xxx

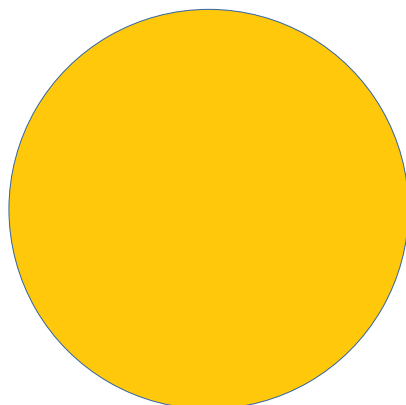
Soil-similar pigment:

Iron oxide Yellow  
Kaolin calcined

CAPROWAX P-Masterbatch

Yellow FK 321 tex  
covering LP

Recipe instruction: 0,5-2%



LP = Laboratory prototype

## BioMineralComposite BM42xxx

Soil-similar pigments:

Eisenoxid Rot  
Pflanzkohle Schwarz  
Kaolin, kalziniert

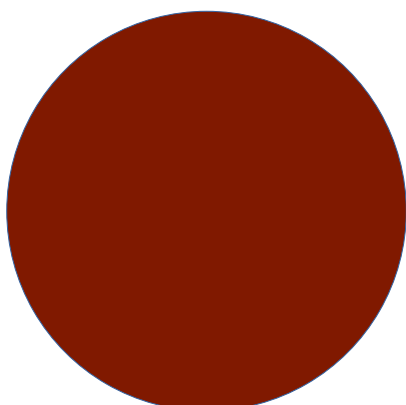
CAPROWAX P-Masterbatch

Brown FK V 709 tex  
covering QX LP

Recipe instruction: 1-2%

QX = soil improving

LP = Laboratory prototype



## BioMineralComposite BM42xxx

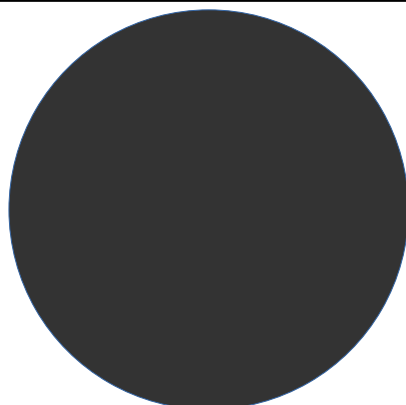
Soil-similar pigment:

Iron oxide Black

CAPROWAX P-Masterbatch

Black 801  
covering

Recipe instruction: 2-4%



## BioMineralComposite BM42xxx

Seite 5 von 5

Soil-similar pigments:

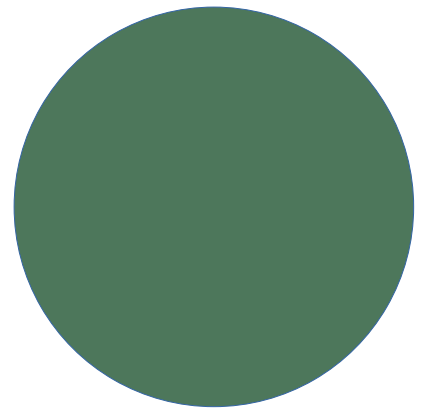
Ultramarine Blue  
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 413 T tex

Recipe instruction: 1-2%

covering



## BioMineralComposite BM42xxx

Soil-similar pigments:

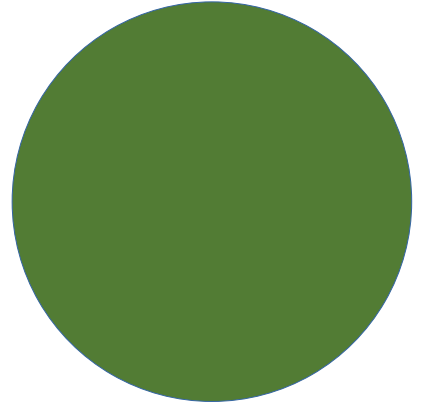
Ultramarine Blue  
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 416 ww tex

Recipe instruction: 1-2%

covering



## BioMineralComposite BM42xxx

Soil-similar pigments:

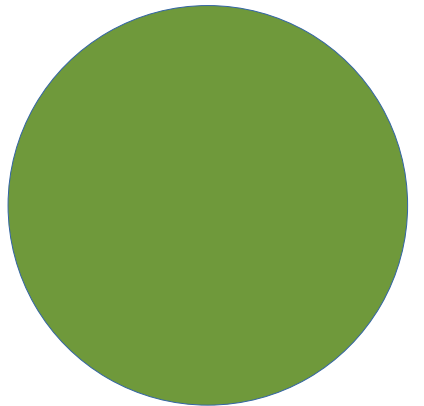
Ultramarine Blue  
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 417 ww tex

Recipe instruction: 1-2%

covering



## BioMineralComposite BM42xxx

Soil-similar pigments:

Ultramarine Blue  
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 418 ww tex

Recipe instruction: 1-2%

covering

