

CAPROWAX P BioMineralComposites

Application and Colouration

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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-
related pigments:

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

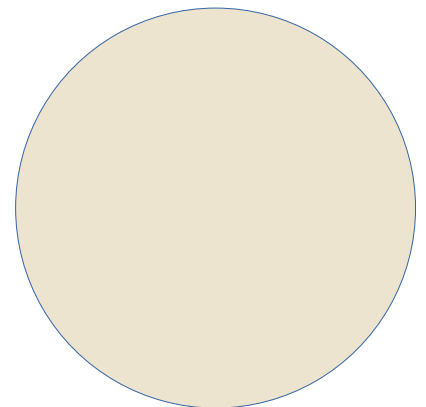
BioMineralComposite BM42030

BioMineralComposite BM42100

BioMineralComposite BM42150

BioMineralComposite BM4225

Natural colour



BioMineralComposite BM42xxx

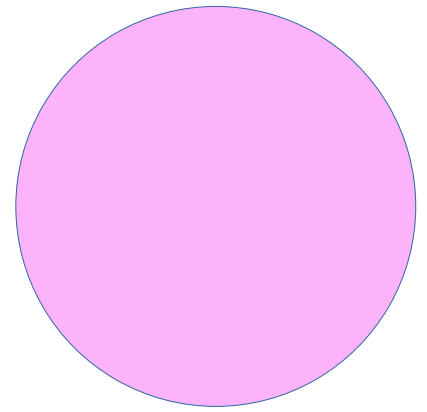
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Soil-similar pigment: **Ultramarine Pink**

CAPROWAX P-Masterbatch **Red 114 T**

Recipe instruction: 2-4%

T = Translucent



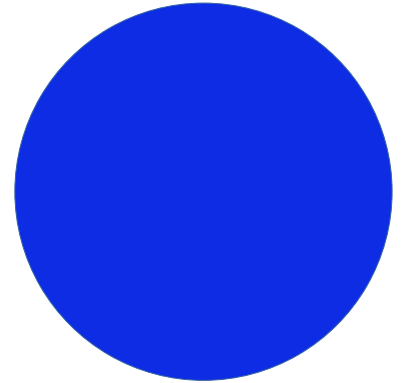
BioMineralComposite BM42xxx

Soil-similar pigment: **Ultramarine Blue**

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

Recipe instruction: 1-2%

T = Translucent



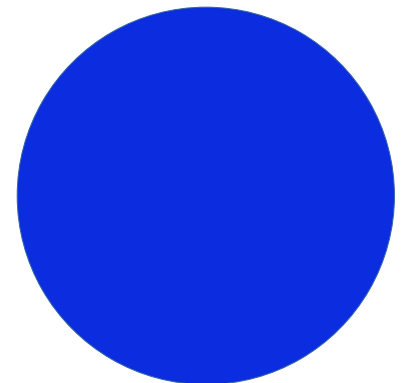
BioMineralComposite BM42xxx

Soil-similar pigment: **Ultramarine Blue**

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

Recipe instruction: 1-2%

T = Translucent



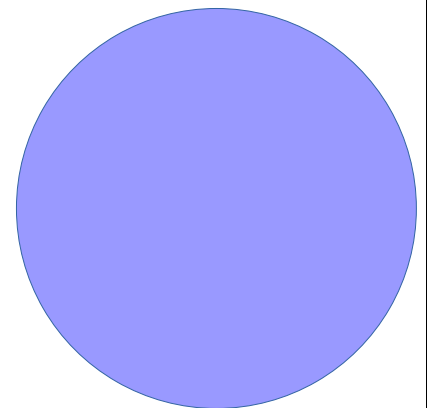
BioMineralComposite BM42xxx

Soil-similar pigment: **Ultramarine Violet**

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

Recipe instruction: 2-4%

T = Translucent



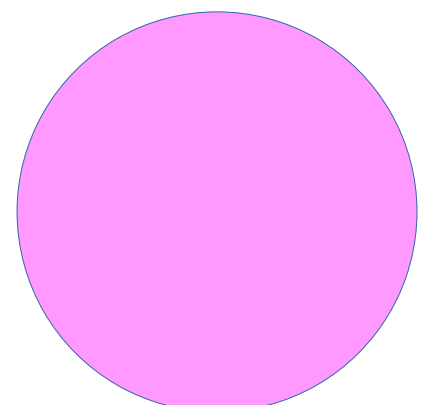
BioMineralComposite BM42xxx

Soil-similar pigment: **Ultramarine Violet**

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

Recipe instruction: 2-4%

T = Translucent



Brightening of Blue G 511 T tex with white pigments

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BioMineralComposite BM42xxx

Soil-similar pigment:

Strong reduced

CAPROWAX P-Masterbatch

Recipe instruction: 1-2%

In final product

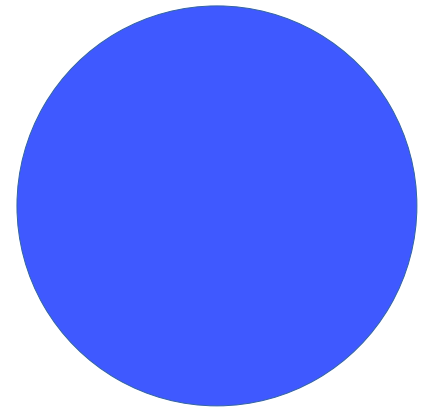
content of TiO₂: ≤ 0,1 %

Ultramarin Blue

Titanium dioxide

Blue G 510 lw tex

covering



BioMineralComposite BM42xxx

Soil-similar pigments:

Ultramarine Blue

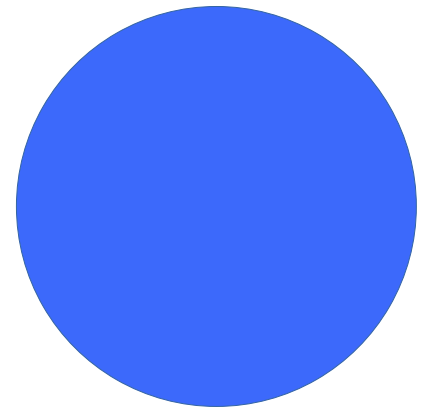
Kaolin calcined

CAPROWAX P-Masterbatch

Recipe instruction: 1-2%

Blue FK G 512

covering



BioMineralComposite BM42100

Soil-similar pigments:

Ultramarine Blue

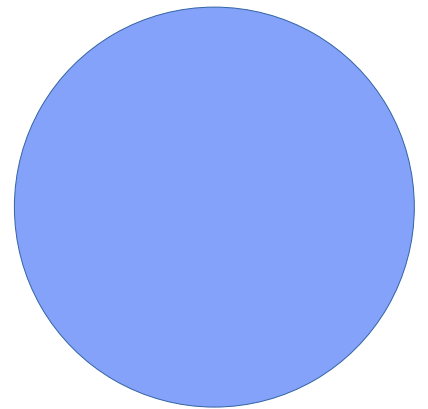
Kaolin calcined

CAPROWAX P-Masterbatch

Recipe instruction: 2-4%

Blue FK G 509 LP

Sky Blue, covering



BioMineralComposite BM42030

Soil-similar pigments:

Ultramarine Blue

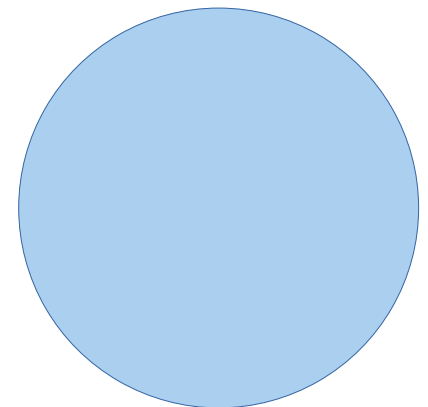
Kaolin calcined

CAPROWAX P-Masterbatch

Recipe instruction: 2-4%

Blue FK G 543 LP

Light Blue, covering



BioMineralComposite BM42xxx

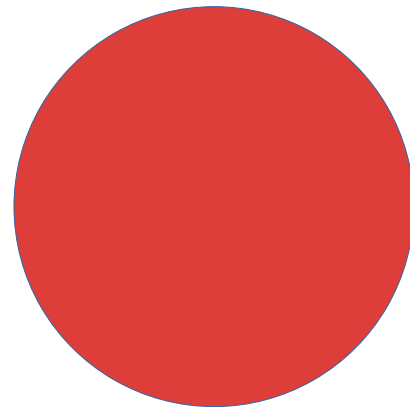
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Soil-similar pigment:
Strong reduced
CAPROWAX P-Masterbatch

**Iron oxide Red
Titanium dioxide
Red 116 lw tex
covering**

Recipe instruction: 1-2%

In final product
content of TiO₂: ≤ 0,1 %



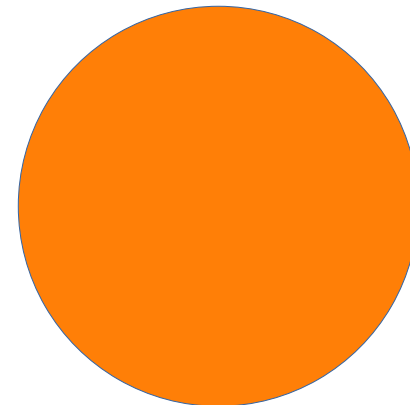
BioMineralComposite BM42xxx

Soil-similar pigment:
Strong reduced
CAPROWAX P-Masterbatch

**Iron oxide Red
Titanium dioxide
Orange 204 lw tex
covering**

Recipe instruction: 0,5-2%

In final product
content of TiO₂: ≤ 0,1 %



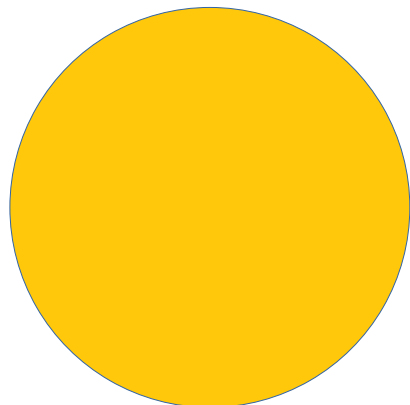
BioMineralComposite BM42xxx

Soil-similar pigment:
Strong reduced
CAPROWAX P-Masterbatch

**Iron oxide Yellow
Titanium dioxide
Yellow 307 lw tex
covering**

Recipe instruction: 0,5-2%

In final product
content of TiO₂: ≤ 0,1 %



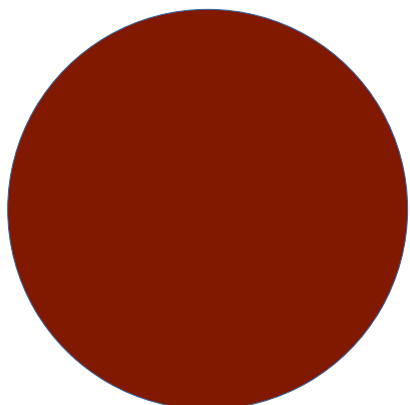
BioMineralComposite BM42xxx

Soil-similar pigments:
Strong reduced
CAPROWAX P-Masterbatch

**Iron oxide Red
Iron oxide Black
Titanium dioxide
Brown 702 lw tex
covering**

Recipe instruction: 1-2%

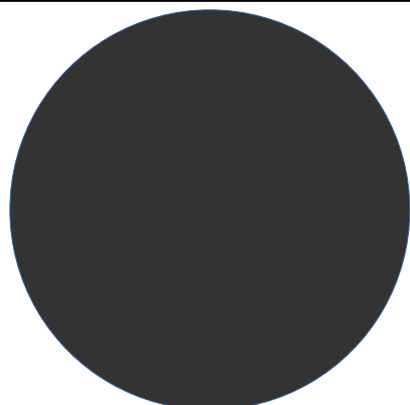
In final product
content of TiO₂: ≤ 0,1 %



BioMineralComposite BM42xxx

Soil-similar pigment:
CAPROWAX P-Masterbatch
Recipe instruction: 2-4%

**Iron oxide Black
Black 801
covering**



BioMineralComposite BM42xxx

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Soil-similar pigments:

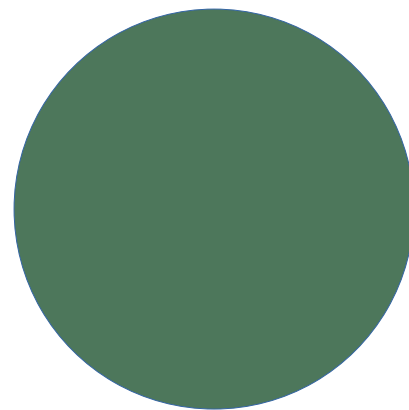
Ultramarine Blue
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 413 T tex

Recipe instruction: 1-2%

covering



BioMineralComposite BM42xxx

Soil-similar pigments:

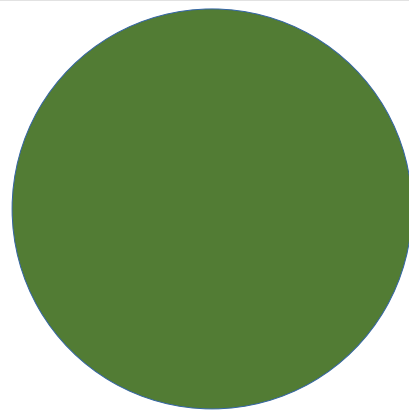
Ultramarine Blue
Iron oxide Yellow

CAPROWAX P-Masterbatch

Green 416 ww tex

Recipe instruction: 1-2%

covering



BioMineralComposite BM42xxx

Soil-similar pigments:

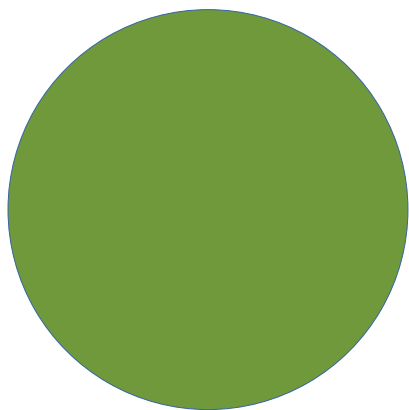
Ultramarine Blue
Iron oxide Yellow

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

