Colour selection based on pigment groups

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CAPROWAX P BioMineral Mineral Composite

Ultramarine family Page 2 – 3

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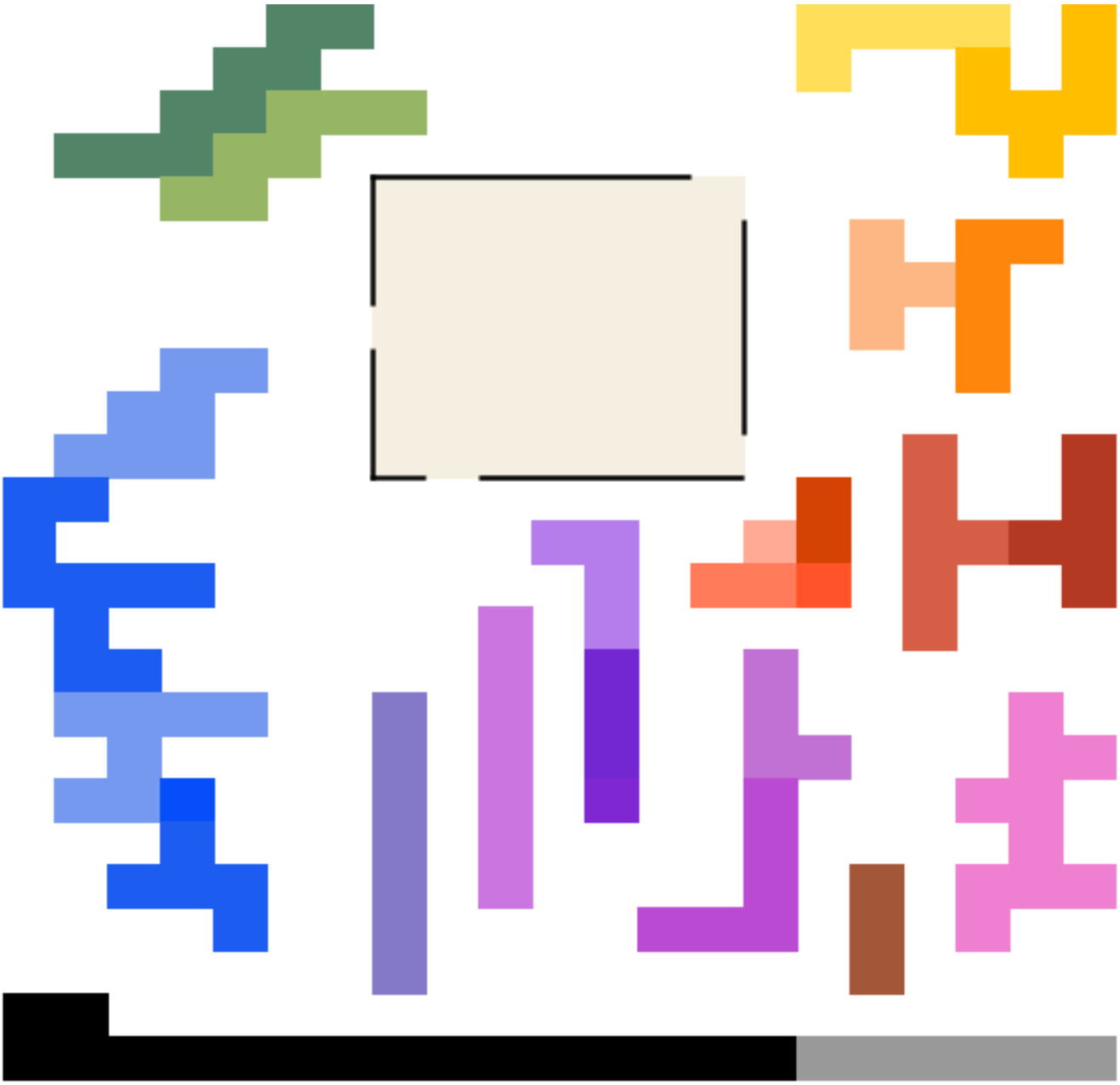

BioMineral/Mineral Composite CAPROWAX P™ Ultramarine Family

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast
MM = Mineral Kaolin, calcined (FK) / harmless, skin friendly, eco friendly, migration proof, lightfast
Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

Properties / Data / Description			
Form			Button, Film, Pellets
Content of coloured pigment		%	1
Bulk density	ISO 60	g/l	>550
Density	ISO 1183	g/cm3	>1,1
Lightfastness *)			7-8
Residual humidity (LOD)	105 °C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63
Remark:	AR = acid-/alkali stable	heatstable up to 200-220 °C / acid sensitive	

*) Data of pigment producer Natural substances may cause fluctuations in the measured values.

Description

Direct compounds CAPROWAX P Ultramarine family contain BM42030 with Calcite (BM) or MM65030 with Kaolin, calcined (FK) Coloured with Ultramarine pigments or mix of Ultramarine/Iron Oxide and Kaolin calcined(FK) for brightening without addition of TiO2 The binder is a thermoplastic, waterproof, compostable polymer/ wax blend. The product comply the specification of DIN EN 13432

CAPROWAX P™ compostable of course

G = greenish L = lipophilic LP = Laboratory prototype

BM42030 Blue AR G 5722	LP
BM42030 Blue AR 5560	
BM42030 Blue AR 5561	LP
BM42030 Blue AR 5562	LP
BM42030 Blue AR 5563	
BM42030 Blue AR FKL 5566	LP

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BioMineral/Mineral Composite CAPROWAX P™ Ultramarine Family

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast
MM = Mineral Kaolin, calcined (FK) / harmless, skin friendly, eco friendly, migration proof, lightfast
Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

L = lipophilic
R = reddish Y = yellowish M = medium B = bluish LP = Laboratory prototype

MM65030 Red/Pink FK 1150	LP
MM65030 Red/Pink FKL 1177	LP
MM65030 Violet FK B 6668	LP
MM65030 Violet FK R 6669	LP
BM42030 Green AR Y 4499	LP
BM42030 Green AR M 4461	LP
BM42030 Green AR B 4481	LP
BM42030 Green AR FKL 4488	LP

BioMineral/Mineral Composite CAPROWAX P™ Iron Oxide family

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast

V = vegetable carbon, biobased / soil improving, water retention capacity, fertile, long term CO2 fixing

Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

Properties / Data / Description			
Form			Button, Film, Pellets
Content of coloured pigment		%	0,5 – 1
Bulk density	ISO 60	g/l	>550
Density	ISO 1183	g/cm3	>1,1
Lightfastness *)			7-8
Residual humidity (LOD)	105 °C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63
Remark:	AR = acid-/alkali stable	heatstable up to 180-220 °C / acid sensitive	
*) Data of pigment producer	Natural substances may cause fluctuations in the measured values.		

Description

Direct compounds CAPROWAX P Iron Oxide family contain BM42030 with Calcite (BM) or MM65030 with Kaolin, calcined (FK) Coloured with Iron Oxide pigments or mix of Iron OxideUltramarine and Kaolin calcined(FK) for brightening without addition of TiO2 The binder is a thermoplastic, waterproof, compostable polymer/ wax blend. The product comply the specification of DIN EN 13432

CAPROWAX P™ compostable of course

L = lipophilic LP = Laboratory prototype

BM42030 Red FK 1144	LP
BM42030 Red FK 1145	LP
BM42030 Red FK 1147	
BM42030 Red FKL 1166	LP
BM42030 Orange FK 2211	LP
BM42030 Orange FK 2210	LP

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BioMineral/Mineral Composite CAPROWAX P™ Iron Oxide family

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast

V = vegetable carbon, biobased / soil improving, water retention capacity, fertile, long term CO2 fixing

Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

L = lipophilic

Y = Yellowish M = Medium B = Bluish V = vegetable carbon LP = Laboratory prototype

BM42030 Orange FK 2212	LP
BM42030 Orange FKL 2222	LP
BM42030 Yellow FK 3365	LP
BM42030 Yellow FK 3364	LP
BM42030 Yellow FK 3366	LP
BM42030 Yellow FKL 3333	LP
BM42030 Green AR Y 4499	LP
BM42030 Green AR M 4461	LP
BM42030 Green AR B 4481	LP
BM42030 Green AR FKL 4488	LP
BM42030 Brown V 7730 nm	LP

Properties / Data / Description			
Form			Button, Film, Pellets
Content of coloured pigment		%	1
Bulk density	ISO 60	g/l	>550
Density	ISO 1183	g/cm3	>1,1
Lightfastness *)			7-8
Residual humidity (LOD)	105 °C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63
Remark:	AR = acid-/alkali stable		heatstable up to 190 °C / acid sensitive
*) Data of pigment producer	Natural substances may cause fluctuations in the measured values.		

Description

Direct compounds CAPROWAX P Manganese Violet Duo contain MM65030 with Kaolin, calcined (FK). Coloured with Manganese Violet bluisch or reddish, and Kaolin, calcined (FK) for brightening without addition of TiO2

The binder is a thermoplastic, waterproof, compostable polymer/ wax blend. The product comply the specification of DIN EN 13432

CAPROWAX P™ compostable of course

B = Bluish L = lipophilic m = magnetic LP = Laboratory prototype

MM65030 Violet FK B 6660	m	
MM65030 Violet FK B 6661	m	LP
MM65030 Violet FK B 6662	m	LP
MM65030 Violet FK B 6663	m	LP
MM65030 Violet FKL B 6666	m	LP

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R = Reddish m = magnetic LP = Laboratory prototype

MM65030 Violet FK R 6670 m	LP
MM65030 Violet FK R 6671 m	LP
MM65030 Violet FK R 6672 m	LP
MM65030 Violet FK R 6673 m	LP

BioMineral/Mineral Composite CAPROWAX P™ Pearlescent matt

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast
Mineral Kaolin, calcined (FK) / harmless, skin friendly, eco friendly, migration proof, lightfast
V = vegetable carbon, biobased / soil improving, water retention capacity, fertile, long term CO2 fixing
Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

Properties / Data / Description			
Form			Button, Film, Pellets
Content of coloured pigment		%	1 – 2,5
Bulk density	ISO 60	g/l	>550
Density	ISO 1183	g/cm3	>1,1
Lightfastness *)			7-8
Residual humidity (LOD)	105 °C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63
Remark:	AR = acid-/alkali stable	heatstable up to 190 °C / acid sensitive	

*) Data of pigment producer Natural substances may cause fluctuations in the measured values.

Description

Direct compounds CAPROWAX P Pearlescent matt contain BM42030 with Calcite (BM). Coloured with different pigments and Mica. Kaolin, calcined(FK) for brightening without addition of TiO2 The binder is a thermoplastic, waterproof, compostable polymer/ wax blend. The product comply the specification of DIN EN 13432

CAPROWAX P™ compostable of course

mpc = matt pearlescent V = vegetable carbon LP = Laboratory prototype

BM42030 Pearl Gold 9320 mpc	LP
BM42030 Pearl Silver FK V 9024 mpc	LP
BM42030 Pearl Silver FK V 9028 mpc	LP
BM42030 Pearl White 9004 mpc	LP
BM42030 Pearl Red 9105 mpc	LP

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BioMineral/Mineral Composite CAPROWAX P™ Pearlescent matt

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast
Mineral Kaolin, calcined (FK) / harmless, skin friendly, eco friendly, migration proof, lightfast
V = vegetable carbon, biobased / soil improving, water retention capacity, fertile, long term CO2 fixing
Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

mpc = matt pearlescent

LP = Laboratory prototype

BM42030 Pearl Bronze 9703 mpc	LP
BM42030 Pearl Green AR 9408 mpc	LP
BM42030 Pearl Blue AR 9505 mpc	LP
MM65030 Pearl Violet FK B 9606 mpc, m	LP

BioMineral/Mineral Composite CAPROWAX P™ Black and White

BM = BioMineral Calcite, acid binding/pigments are harmless, eco friendly, migration proof, lightfast
Mineral Kaolin, calcined (FK) / harmless, skin friendly, eco friendly, migration proof, lightfast
V = vegetable carbon, biobased / soil improving, water retention capacity, fertile, long term CO2 fixing
Thermplastic, compostable carrier material: Bio-Dry-Blend CAPROWAX P 6006-C65 (Intermediate)

Properties / Data / Description

Form			Button, Film, Pellets
Content of coloured pigment		%	1 – 3
Bulk density	ISO 60	g/l	>550
Density	ISO 1183	g/cm3	>1,1
Lightfastness *)			7-8
Residual humidity (LOD)	105 °C/1h	%	< 0,3
Softening beginning	DSC	°C	57-63
Remark:	AR = acid-/alkali stable	heatstable up to 200-220 °C / acid sensitive	

*) Data of pigment producer Natural substances may cause fluctuations in the measured values.

Description

Direct compounds CAPROWAX P Pearlescent matt contain BM42030 with Calcite (BM). Coloured with different pigments and Mica. Kaolin, calcined(FK) for brightening without addition of TiO2 The binder is a thermoplastic, waterproof, compostable polymer/ wax blend. The product comply the specification of DIN EN 13432

CAPROWAX P™ compostable of course

L = lipophilic m = magnetic LP = Laboratory prototype

BM42030 Black V 8117	
BM42030 Lava-Black V 8125 m	LP
BM42030 Black V 8113	
BM42030 Grey V 8835	LP
BM42030 White	
BM42030 White FKL 0055	