

CAPROWAX P™ - Marketing and Projects

CAPROWAX P™ - **Masterbatches** for bioplastics / biocomposites
COLOUR PALETTE see page 2-5: CAPROWAX P™ + shade + code

Technical samples a 50 g pellets: Up to 4 samples free of charge or more material on request/counting + as well buttons of colouration.

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
Test material (LP) of new formulations: 50g Flakes

Projects with CAPROWAX P™ - basic material

Injection moulding: CAPROWAX P™ 6002-00-000
New: BioMineralComposite 5 kg CAPROWAX P™ 6006-C65-BM4225
Monofilaments, hotmelt, matrix: CAPROWAX P™ 6006-00-000
Thermoforming, blow moulding: CAPROWAX P™ 6006-C1-11
New: BioMineralComposite 5kg CAPROWAX P™ 6006-C65-BM4225
Plasticine, modelling bloc CAPROWAX P™ 6070-T215
Hydrophobising: CAPROWAX P™ 6077-1004
Bio-Dry-Blend-NF-Composites: CAPROWAX P 6006-65-NFxxxx with 20%, 30%, 40 % content of nature fibres
Scale of projects: According to agreement
Sampling/Test material: 300g/1000g fragmented resp. powder upon consultation
Material for projects upon consultation/calculation: Costs of raw material/job order production Order quantities >500 kg
Miscellaneous: Product information and SDS

Informations, quote requests and orders at

Fon ++49 7625 91 84 58 info@polyfea2.de www.caprowax-p.eu

Albrecht Dinkelaker

Polymer- and Product development

Blumenweg 2

D 79669 Zell im Wiesental

Banking details/Finance office: On request

VAT-No.: DE165 604 009

CAPROWAX P™ compostable of course



Masterbatches for translucent colouration

CAPROWAX P™	Shades	CAPROWAX P™	Shades
Red 114 T		Red Y 121 T	
Yellow 310 T		Green 413 T	
Green 426 T		Green 427 T	
Green AR 430 T	LP	Blue G 511 T	
Blue R 516 T		Blue AR 530 T	LP
Violet B 616 T		Violet R 617 T	
Violet B 630 T	LP	Violet R 635 T	LP
T: translucently Y: yellowish G: greenish B: bluish R: reddish AR: Acid resistant LP: Laboratory prototype			

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

Customer testing: CAPROWAX P-Masterbatches with pearlescent pigments

Test material (LP): 50g Flakes

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.

B O W

CAPROWAX P™ compostable of course

R A I N

S O I L

Masterbatches for chromatic, covering colouration

CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red 111		Red 112	
Red FK 111	LP	Red FK 112	LP
Red 117		Red 115	
Red FK 117	LP	Red 115 BM ww	
		Red 116	
Orange 205		Orange 203	
Orange FK 205	LP	Orange 203 BM ww	LP
		Orange 204	
Yellow 312		Yellow 306	
Yellow FK 312	LP	Yellow 306 BM ww	
		Yellow 307	
Green 412		Green 416 ww	
Green 417 ww		Green 418 ww	
Green FK 440	LP	Green AR 433 ww	LP
Green FK 441	LP	Green AR 435 ww	LP
Green 444 BM ww	LP		

BM: Biomineral, natural Calciumcarbonate
FK: Kaolin, calcined
ww: TiO2 free
LP: Laboratory prototype

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 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



Masterbatches for achromatic, covering colouration

CAPROWAX P™	Shade achromatic	Description
White 003		Titandioxide
White C 004 BM ww		natural Carbonate
White FK 005		Kaolin, calcined
Grey 820		Titandioxide / Iron Oxide Black
Grey 821 BM ww		natural Carbonate / Iron Oxide Black
Grey V 825 BM bb ww	LP	natural Carbonate / vegetable Carbon
Grey FK 822	LP	Kaolin, calcined / Iron Oxide Black
Grey FKV 823 bb	LP	Kaolin calcined / vegetable Carbon
Grey FK 824 S	LP	Kaolin calcined / Iron Oxide Black (S)
Black 801		Iron Oxide Black
Black V 802 bb	LP	vegetable Carbon (E 153)
Black 803 S	LP	Iron Oxide Black (S)
Black V 804 bb	LP	vegetable Carbon (technically)

V: vegetable Carbon **bb: biobased** **BM: Biomineral, natural Calciumcarbonate**
FK: Kaolin, calcined **ww: TiO2 free**
LP: Laboratory prototype **S: heat stable up to 220°C**

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 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.