

Masterbatches delivery list CAPROWAX P™

Masterbatches for Bioplastics/Biocomposites/Blends: PLA, PBS, PHA, PCL, CAPROWAX P™/Blends/BioMineralComposite, Bio-NFC/WPC, Casein, PVOH, Polysaccharides/Derivates, PVAc/Blends, Bio-TPE/UPR, NIPU.

As colourants are used biobased, biomineral and harmless, inorganic pigments with moderate, lightfast brightening without addition of Titanium Dioxide.

The carrier material is waterproof and consist of aliphatic - biodegradable MARINE, home/industrial compostable - certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

Colourations of bioplastics comply the specifications of DIN EN 13432.



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CAPROWAX P™ compostable of course

B O W
R A I N S O I L

> COLOURATION <

Masterbatches for translucent colouration

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CAPROWAX P™	Shade chromatic	CAPROWAX P™	Shade chromatic
Red 114 T		Red Y 121 T tex	AR
Yellow 310 T tex	AR	Green 427 T tex	
Green 413 T tex	MB500	Green 426 T tex	
Green AR 430 T tex	LP/AR	Blue AR 530 T tex	LP/AR
Blue G 511 T tex		Blue R 516 T tex	
Violet B 616 T		Violet R 617 T	
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			

The compostability of carrier material is examined by MFPA, University Weimar:

Test material: **CAPROWAX P® 6006**

Test certificate No.: P31029-05 according to DIN EN 13432

Thermoplastic application for translucent to transparent, full covering and pearlescent colouration: Processing at 90-200°C, short time up 220°C.

Pigments are biobased, bio-mineral, mineral and/or from inorganic, synthetic production.

Moderate brightening with calcined Kaolin. They are harmless, lightfast, non-migratory, temperature stable, majority insoluble in water, comparable with natural, mineral pigments, already mineralised and partially soil improving: QX see page 3.

They are low-dusty incorporated in compostable carrier material and masterbatch pellets are added to different bioplastics in a range of 0,5-4%.

Pearlescent Masterbatches *LP without addition of Titanium Dioxide

Matte Gold light 9307		Pearlescent neutral 9002	u
Matte Gold medium 9317	#	Pearlescent white 9011	u
Matte Gold dark 9314		Matte Silver classic V 9012	#
Red 9101		Matte Silver silky V 9016	#
Bronze 9701		Matte Silver grey V 9014	#
# = also for opaque or filled BioPolymers / u = matte pearlescent for all colours			
V = vegetable carbon black, biobased / *LP = Laboratory prototype			

Colourations of bioplastics comply the specifications of DIN EN 13432.

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BOW
RAIN SOIL

Masterbatches for covering colouration

CAPROWAX P™		Shades	CAPROWAX P™		Shades
Red FK 133 tex		AR	Red FK 112		LP
Lava-Red 134 QX		LP	Red FK 117		LP/AR
Orange FK 204		LP/AR	Orange FK 203		LP/AR
Orange 206 BM QX		LP/AR	Yellow 314 BM QX		LP/AR
Yellow FK 320		LP/AR	Yellow FK 306		LP/AR
White FK 005 tex		MB500/AR	White C 004 BM QX		MB500
Green 416 tex			Green 417 tex		
Green FK 446 tex		LP	Green 448 tex		LP
Green FK 443 tex		LP	Green FK 440 tex		LP
Green 444 BM QX		LP	Blue G 545 BM QX		LP
Blue FK G 510 tex		LP	Blue FK G 509		LP
Blue FK G 512			Blue FK R 542		LP
Violet FK B 605		LP/AR	Violet FK R 608		LP/AR
Violet B 636 BM QX		AR	Violet R 637 BM QX		AR
Brown V 713 BM QX		LP	Brown V 724 BM QX		LP/AR
Brown FK V 709 QX		LP	Brown FK V 711 QX		LP
Lava-Brown 717 QX		LP/AR	Lava-Brown 715 QX		LP/AR
Grey 821 BM QX			Grey FK 824 S wcb tex		LP/AR
Lava-Grey FK 833 QX		LP	Black V 804 QX		AR
Lava-Black 806 QX		LP	Black 801 wcb		AR

V: vegetable Carbon, biobased **FK: Kaolin, calcined** **AR = acid-stable**
BM: Biomineral, natural Calcite **QX = soil improvement** **S: heat stable up to 220°C**
R: reddish **G: greenish** **B: bluish** **LP: Laboratory Prototype** **wcb = without carbon black**

tex: suited fo filaments **MB500 = 500g sample for process engineering experiments**

Products for soil improvement and fertility QX:

QX = Vegetable Carbon biobased, Lava rock flour, soil improvement, water retention capacity

BM = BioMineral, natural Calcite, acid-binding and soil similar

FK = Moderate brightening with the eco-friendly, soil similar, pigmentlike, white pigment Kaolin, calcined

Lava rock flour is able to remove atmospheric CO2 by weathering

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

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Your order of CAPROWAX P™ - Masterbatches

See colour palettes page 2-3: **Shades of colours + code** page 4 of 4

All shades of colour are comparable or similar to the product colours.
Masterbatches are produced batchwise together with compostable carrier material and pigments by contract manufacturing.

Technical samples: For you first tests: 4 samples a 50g pellets or LP-flakes
For additional process engineering experiments
you can get 500g MB500 samples see page 2-3.
After consultation 20-25 kg testmaterial for scaling up

New MB-Recipes: Coloured CAPROWAX P™- Buttons on request.

Supply quantities:	100 kg, 200 kg, 500 kg
+/- 25 kg:	After your selection you will get an offer about location-based, direct delivery
25 kg PE-Bags in carton or on palett	For a better raw material procurement a yearly forecast is required
	*) Since supply chain crisis the delivery of raw material is temporarily delayed
Market area:	European Union
Prices:	According to offer
Payment conditions:	According to offer
Delivery date *):	after completely delivery of raw material to the toll manufacturer plus up to 6 - 7 weeks
Miscellaneous:	Product infos and SDS

Informations, quote requests and orders at

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