

BioMineralComposite CAPROWAX P™ 6006-C65-BM4225

Compostable polymer-/waxblend: Bio-Dry-Blend CAPROWAX P 6006-C65 (intermediate)

Zolltarifnummer: 3907 99 80

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Product-
information
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Properties / Data / Description		
Form / colour / size		Pellets / dull white / 1,5-3,5 mm
Biomaterial (BM) / content	DIN EN ISO 1172	natural Calcium Carbonate / 25,6%
Density		g/cm ³ 1,2453
Vicat VST A 50	DIN EN ISO 306	°C 56
Shore hardness D	DIN EN ISO 868	52
Residual humidity (LOD)	105°C/1h	% < 0,3
Softening beginning	DSC	°C 57-63
Remark		heatstable up to 200-220°C / acid sensitive

Description	CAPROWAX P™ 6006-C65-BM4225 is a mixture of thermoplastic, compostable polymer-/wax blend with 25% harmless, soil-related, natural BioMineral. All organic components are readily biodegradable. Produced products comply the specifications of DIN EN 13432
Compostable polymer-/wax blend: CAPROWAX P™ 6006-C65 *) calculated	83,7%* organic carbon from biobased resources Total amount of organic carbon: 71,4%* A compostable carrier material - as dry-blend-intermediate - is modified with additives in accordance to DIN EN 13432 and comparable with the tested material at MFPA Weimar: CAPROWAX P® 6006-00-000 (DIN EN 13432)
MFPA Weimar Test certificate: P31/029-05	
No food or feeding stuff Ecofriendly composition	GM-free, no content of starch or PLA, no content of aromatic or nitrogenous substances. Soil-related biomaterial.
Use	Suited for products of agriculture, garden and environment, especially suited for low-lime soil or compost. The mineral part support the biogen weathering in soil and natural waters

Thermoplastic processing The high content of mineral needs adapted heating and cooling

Moulded freely Thermo-plasticine
!!! Wear protective gloves !!! Pellets on non-stick panel at 90°C preheating, after cooling down to 70-80°C shaping/kneading to shapings

Injection moulding of calcite imitation coloured stones Plastification without predrying 130°C, die 130°C, mould 15°C

Melt granules 1,5-3,5 mm for one-/multilayered pictures
!!! Wear protective gloves !!! In non-stick pans strewing melt granules-pictures free or with templates, after moving templates, melting on a hotplate at 100°C and cool down to room temperature

Drying pellets on demand 50°C/12h Avoid heating melt >90°C over long time

Examples of application Calcite imitations coloured stones, deco granules, melting granules, garden ornamental gravels, garden decor, letters, substrate coloured with masterbatches of Ultramarine, Iron Oxide, Manganviolet, vegetalbe Carbon.

Order quantities 5kg, 25kg and 100kg or more upon request

Storage/Instruction Avoid heat/moisture, storage in original containers only

CAPROWAX P™ compostable of course

