

# BioMineralComposite CAPROWAX P™ 6006-C65-BM42150

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

Customer information  
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Product-  
information  
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Blumenweg 2  
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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 / 15%
Bulk density		g/l > 600
Residual humidity (LOD)	105°C/1h	% < 0,3
Softening beginning	DSC	°C 57-63
Remark		heatstable up to 200-220°C / acid sensitive
Tensile strength and elongation are dependent of temperature/stretching conditions		
Measurements make only sense with comparable process conditions and thickness of moulded or stretched articles		

**Description** CAPROWAX P™ 6006-C65-BM42150 is a mixture of thermoplastic, compostable polymer-/wax blend with 15% 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:  
MFPA Weimar  
Test certificate: P31/029-05  
**CAPROWAX P® 6006-00-000** (DIN EN 13432)

**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

**Injection moulding  
Wall thickness 2-3 mm** Plastification without predrying 130°C, die 130°C, mould 15°C

**Blow moulding  
Wall thickness 1-2 mm** Plastification without predrying 100-130°C, parison die 70-100°C, mould 15°C

**Vacuum forming, sheets, foils  
Orientation values  
Wall thickness 1-2 mm** Extrusion 160-130°C, melting calender <100°C or slot die <130°C, cool-/discharge roller 15°C  
Preheating sheets/foils 75-90°C, mould 15°C

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

**Examples of application** Products of injection moulding and vacuum forming, sheets, composites, support material, substrate, frisbee disk, cans, trays, plant plug signs, garden decor, soap dish, edge protection, garden decor, letters, substrate

**Order quantities** Testmaterial on request

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

**CAPROWAX P™ compostable of course**