

BioMineralComposite CAPROWAX P™ 6006-C65-BM42030

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
D 79669 Zell im Wiesental

Properties / Data / Description			
Form / colour / size			Pellets / dull white / 1,5-3,5 mm
Biominerale (BM) / content	DIN EN ISO 1172		natural Calcium Carbonate / 3%
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-BM42030 is a mixture of thermoplastic, compostable polymer-/wax blend with 3% harmless, soil-related, natural BioMineral. All organic components are readily biodegradable. Produced products comply the specifications of DIN EN 13432

Compostable polymer-/wax blend: 83,7%* organic carbon from biobased resources

CAPROWAX P™ 6006-C65

*) calculated

MFPA Weimar

Test certificate: P31/029-05

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)

No food or feeding stuff
Ecofriendly composition

GM-free, no content of starch or PLA, no content of aromatic or nitrogenous substances. Soil-related biominerale.

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 0,5-3 mm

Plastification without predrying 130°C, die 130°C, mould 15°C

Extrusion

Plastification without predrying 130°C, die 100-130°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, foils, support material, substrate, frisbee disk, cans, trays, plant plug signs, garden decor, soap dish, edge protection, garden decor, letters, substrate

Order quantities

Test material on request

Storage/Instruction

Avoid heat/moisture, storage in original containers only

CAPROWAX P™ compostable of course