

CAPROWAX P™ BioMineralComposites



Product line with natural Biomineral Calcite (CaCO₃) CAPROWAX P™ 6006-C65-BM42030 / -BM42100 / -BM42150

Description

Compostable, waterproof binder
CAPROWAX P™ 6006-C65:

CAPROWAX P™ 6006-C65-BM42xxx content 3-15% harmless, soil-similar, acid-binding, natural Biomineral Calcite (CaCO₃) consists of aliphatic, home/industrial compostable, certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.

Products comply the specifications of DIN EN 13432

Injection moulding 0,5-3mm

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

Deep drawing, sheets, foils

Orientation values

Wall thickness 1-2 mm

Extrusion without predrying 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

3D printing with pellets

Extrusion 100-150°C, die 100-150°C, cold air cooling 15°C

Examples of application

Suited for compostable and
rotten products after use

Colouration see page 2

Products of injection moulding and vacuum forming, sheets,
composites, foils, support material, substrate, frisbee disk,
cans, plant plug signs, garden decor, soap dish, edge protection
trays, wicker ribbons, bark beetle trap, stone dummy.

Order quantities

0,3-2 kg sample free, 100 kg minimum order

CAPROWAX P™ compostable of course



BioMineralComposite

Coloured stones imitations

Injection moulding

Masterbatches

Thermoforming

Blow moulding

Injection moulding CAPROWAX P™ 6006-C65-BM4225

Calcite coloured stones imitations,
garden ornamental gravels,
melting granules

Description	CAPROWAX P™ 6006-C65-BM4225 contents 25% harmless, soil-similar, acid-binding, natural Biomineral Calcite (CaCO ₃) consists of aliphatic, home/industrial compostable, certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil. Products comply the specifications of DIN EN 13432
Compostable, waterproof binder CAPROWAX P™ 6006-C65:	
Moulded freely thermo-plasticine !!! Wear protective gloves !!!	Pellets on non-stick panel at 90-100°C preheating, after cooling down to 70-80°C shaping/kneading to shapings
Injection moulding of calcite coloured stones imitations	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
Examples of application Suited for compostable and rotten products after use	Calcite coloured stones imitations, deco granules, melting granules garden ornamental gravels, garden decor, letters, substrate Colouration with CAPROWAX P-Masterbatches
Colouration with eco-friendly pigments	Ultramarine, Iron Oxide, Manganviolet, vegetable Carbon Brightening with Kaolin (calcined) or TiO ₂ (strong reduced)
Order quantities	5 kg test material, 100 kg minimum order

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www.caprowax-p.eu

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