

CAPROWAX P™ 6070-T215 fragmented material

Applications:

Thermoforming bioplastic modelling mass and joint sealer

Kunden Information:

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Testmaterial for

customer projects

Product information

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Albrecht Dinkelaker

Polymer- and product development

Blumenweg 2

D 79669 Zell im Wiesental

Physical Properties

Physical form		fragmented material <30 mm
Density at 23 °C	g/cc	1,05-1,15
Beginning of softening	°C (°F)	≈ 50 (122)

*) Based on the biological sources of waxes different values of viscosity could be occur

Tensile strength and elongation are dependent of temperature and stretching conditions

Measurements make only sense with comparable process conditions and thickness of moulded or stretched articles

Description

CAPROWAX P™ 70-T215 is a translucent/opaque blend based on aliphatic polyester and modified herbal triglycerides. All organic components are biodegradable
All components are readily biodegradable

Advantages

≈ 90% of organic carbon from biobased resources
Total amount of organic carbon: ≈ 72%
Shapeable at 65-40°C (149°-104°F)
Waterproof, stable in use, cold-flexibel, solvent-free

No food or feeding stuff

GM-free, no content of starch or PLA

Ecofriendly composition

Without content of aromatic or nitrogeneous substances

Applications

Thermoforming moulding, filler and levelling compound for moulding, support, embedding material, form and bandage
Mock-up and joint about 1 - 10 mm thickness
Suitable for compostable one-way-products, preferably in agriculture or horticulture environment

Thermoforming

Heating in convection oven, hot plate or blow-dryer to 60-65 °C (140-149°F), then thermoforming and adapt by knead or filling at 65-40°C

! Security advice !

Use protective gloves !!! Such as thin leather gloves
Above 70°C (158 °F) melt becomes stickily and makes combustion !!!

Storage

Avoid heat and moisture, storage in original containers only

CAPROWAX P™ compostable of course