

CAPROWAX P™ 6077-1004 fragmented material

Application:

Biodegradable carrier, Foam material, Hydrophobicity

Customer Information:
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Testmaterial for
customer projects
Product information
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Polymer- and product development
Blumenweg 2
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Physical Properties

Physical form		Fragmented material <30 mm
Density at 23 °C	g/cc	1,05-1,15
Softening Temp.	ISO 11358 °C (°F)	57-63 (135-145)
Residual humidity	70°C/2h %	<0,2

*) 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 components are biodegradable
All components are readily biodegradable

Advantages

Ø 90%* of organic carbon from biobased resources
Total amount of organic carbon: Ø 72%* *) calculated
Waterproof, stable in use, cold-flexibel, solvent-free
GM-free, no content of starch or PLA
Without content of aromatic or nitrogeneous substances

No food or feeding stuff
Ecofriendly composition

Application:

Carrier material for additives, foams, core material
Biodegradable carrier for bio-reactors
Suitable for compostable one-way-products,
preferably in horticulture environment, package,
purification plant

Extrusion
Compounds

Feed section RT or 50-60°C (122-140°F)
Plasticising at 120-90°C (248-194°F)
Do not heat melt above 90°C (194°F) over long time

Drying on demand

48-50°C/12h (118-122°F)

Storage/Instruction

Avoid heat and moisture, storage in original containers only

CAPROWAX P™ compostable of course