

CAPROWAX P™ 6077-1004 lumpy material

Application:

Biodegradable carrier material. Foam material, Hydrophobicity

Customer Information:
Fon +49 (0)7625 918458
info@polyfea2.de
www.caprowax-p.eu

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		lumpy 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 polymer-/waxblend. Refillable, „self-consuming“ fixed bed material
All organic components are readily biodegradable

Advantages

consists of aliphatic, home/industrial compostable, certified polyester and modified, readily biodegradable, renewable, GMO-free plant oil.
≈ 90% of organic carbon are biobased, waterproof, stable in use

No food or feeding stuff Ecofriendly composition

GM-free, no content of starch or PLA
Without content of aromatic or nitrogenous substances

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