

# CAPROWAX P<sup>TM</sup> 6002-00-000

# Pieces

Application: Hydrophobization of water sensitive BioPolymers

Customer information:  
Fon: +49 7625 918458  
info@polyfea2.de  
www.caprowax-p.eu

Testmaterial for  
customer projects  
Product information  
09/2020

Albrecht Dinkelaker  
Polymer- and product development  
Blumenweg 2  
D 79669 Zell im Wiesental

## Physical Properties

Physical form			pieces
Density at 23 °C		g/cc	1,05-1,15
Softening temperature	DSC	°C (°F)	56-59 (133-138)
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<sup>TM</sup> 6002-00-000 is a translucent/opaque Polymer-/Waxblend for hydrophobization of water sensitive BioPolymers. Low softening temperature. All components are readily biodegradable

## Advantages

CAPROWAX P<sup>TM</sup> 6002

consists of aliphatic, home / industrial compostable, certified polyester and increased proportion of modified, readily biodegradable, renewable, GMO-free plant oil.

\*) calculated

86,2% of organic carbon are biobased \*)

No food and feeding stuff  
Ecofriendly composition

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

## Applications

Injection moulding of water sensitive BioPolymers with addition of 10 to 30% CAPROWAX P<sup>TM</sup> 6002 to get thin-walled, water proofed products under low mould pressures. Successful composting tests under field-grown conditions, preferably in agriculture or horticulture environment

Plasticising and extrusion  
with different BioPolymers

At 110-180°C (230-356°F)

Drying on demand

48-50°C (118-122°F)

Storage

Avoid heat and moisture, storage in original containers only

**CAPROWAX P<sup>TM</sup> compostable of course**