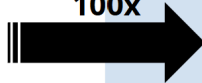




Before
(Dried powder)



100x



- Made from biomaterials
- Fully biodegradable
- Comparable properties to synthetic SAP



After
(Gel)

For **Bio** Diapers, Cosmetics, Agriculture & Construction

Ingredients



Chemical reaction
(Extruder)



AC BioSAP



COO AC Biode
Robert Kunzmann

robert.kunzmann@acbiode.com



in



Principal Researcher
Dr. Kazumitsu Suzuki
rok-suzuki@kri-inc.jp



in



Mixed & Multi-layered Plastic Chemical Recycling



a product by

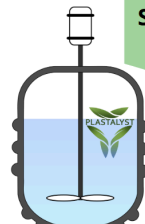



Organic Waste
Lignin, Cellulose, Sewage &
Paper Sludge

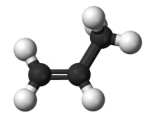

Mixed/
Multi-layered/
Deteriorated/
Plastic

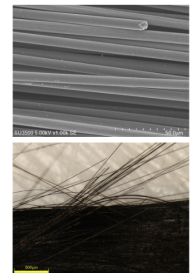

Fibers +
Polymer Matrix


Catalyst+Water
at 200°C


Water+Catalyst
180-280°C


Syngas
for fuel, PET & more


Monomers,
alcohols & more



Fibers
no epoxy, but sizing
agent

