

RECOMMENDATIONS

Recommendations for future research investigations

New scientific questions were opened during the project; the following are the main subjects which should be further studied:

- The stabilization of soft polyesters to hydrolysis, by efficient/safe by design additives (physic chemical and toxicological approaches)
- Organic and mineral functional barriers to reduce the migration of highly interacting materials such as soft polyesters
- The hydrolysis properties of PBS as an opportunity for a fine controlled release for active packaging applications
- The optimization of SSP process on low melting temperature polymers
- repairing of objects by SSP / recrystallization (cf PBS melting temperature increases of more than 10°C)
- Agricultural mulch film applications of recycled PBS and soft polyesters.