

“A journey of high performance of home compostable films for flexible packaging”

Drafted

Agenda

1. Project concept
2. Properties
3. Technical data
4. Prospected collaboration

Drafted

Project Concept

- PTTMCC has successfully developed biaxially-oriented polybutylene succinate adipate film (BOPBSA film) by applying BioPBS™ for flexible packaging application to replace conventional materials; BOPP, BOPET and BOPA.
- The project started with a trend of packaging demand which remains the largest market segment for bioplastics in 2021 with 48%, accounting for 1.15 million tons (Europlastics, 2021). With flexible packaging being served as the main application, biodegradable materials, accounted for two third of total bioplastics usage in flexible packaging application, while bio-based/non-biodegradable was one third of 665K tons alone in 2021 (Europlastics, 2021).
- To ensure circulation of single-use flexible packaging to underpin sustainability.

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