

South Korea Biodegradable Packaging Market Growth Strategies and Trends

The South Korea Biodegradable Packaging Market is witnessing accelerated business growth fueled by stricter waste-management regulations and escalating consumer demand for eco-friendly solutions. Industry trends indicate that material innovation and circular-economy initiatives are reshaping market dynamics, enabling new market opportunities across food, healthcare, and personal care segments. Recent [South Korea Biodegradable Packaging Market](#) research highlights that while regulatory support reduces market restraints on bioplastics, competition from conventional polymers still poses market challenges for emerging players.

Market Size and Overview

The South Korea Biodegradable Packaging Market is estimated to be valued at USD 619.9 Mn in 2025 and is expected to reach USD 976.1 Mn by 2032, growing at a compound annual growth rate (CAGR) of 6.7% from 2025 to 2032.

According to the market forecast, rising sustainability mandates and growing e-commerce penetration underpin robust market growth through 2032. Our latest South Korea Biodegradable Packaging Market report underscores that shifts in consumer behavior and supply-chain digitization will drive industry size expansion and bolster market revenue over the next seven years.

Market Segments

Core segment categories in this market analysis include:

1. By Material

- PLA (polylactic acid)
- PHA (polyhydroxyalkanoates)
- PBAT (polybutylene adipate terephthalate)
- Starch blends
- Dominant sub-segment: PLA accounted for over USD 240 Mn revenue in 2024, driven by food-contact approvals.
- Fastest-growing sub-segment: PHA grew at a 12% CAGR in 2025, owing to pharmaceutical tray adoption.

2. By Application

- Food packaging
- Beverage containers
- Healthcare packaging
- Personal care packaging
- Dominant: Food packaging, generating USD 260 Mn in revenue during 2025.
- Fastest-growing: Healthcare packaging, expanding 9.5% year-on-year in 2024–2025 with sterile-film solutions.

Market Drivers

One key market driver is South Korea's Packaging Waste Reduction Act, which introduced higher landfill levies in early 2024. Government subsidies increased by 18% in 2024 for bioplastic R&D, accelerating polymer-grade PHA pilot lines and supporting an 8% rise in local biodegradable packaging adoption. Regulatory incentives have expanded market scope by encouraging major FMCG companies to switch to certified compostable films, while tax credits for eco-friendly packaging investments are stimulating capital expenditure. This policy-led push is a pivotal market driver that will sustain competitive advantage in the forecast period.

