

Food & Beverage Packaging

June 13-14, 2016 Rome, Italy

Green packaging and green tea: A solution already industrially achievable and its future developments

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Goglio Group offers a complete packaging solution combining flexible laminates, packaging equipment, plastic accessories and service for top product preservation and unmistakable, eye catching image on shelves. Packaging plays a fundamental role in daily life but it represents the majority of urban waste and, during the last years, this aspect has caused concern about the environmental impact, leading to new regulations. Goglio SpA., as converting industry, is keen on this aspect and offers different solutions to a more and more demanding market: recyclable, biodegradable and compostable. The current challenge is to make a fully compostable material with ever better mechanical and preserving features (product shelf-life) equalling the traditional and conventional materials. Goglio proposal: An innovative wholly compostable material, EN13432 Vincote certificated with: Higher barrier properties if compared to the most common compostable materials on the market; easy conversion on high speed Vertical Form & Fill Seal machines; high anti-oxidant, anti-radical power thanks to natural polyphenols radical scavenger addition; high availability and low cost and; natural product (no health and environmental problems). The new proposal is Green System & Green Tea. The anti-oxidant and anti-radical properties have been verified with static and dynamic instrumental tests and through shelf life studies in comparison to conventional standard materials. The innovative proposal is patented. New in-depth optimization and development of this packaging proposal is going on to further extend its barrier properties to guarantee a longer shelf life matching the level of non compostable conventional materials.

Biography

Oswaldo Bosetti has completed his graduation in Chemistry at the University in Milan in 1989. He started working with Goglio SpA, a leader in flexible packaging, in 1991, and is now in charge of the R&D Direction, both for the Packaging and Plastics Division. With over 20 years of extensive experience in the development and coordination of innovative projects as R&D Director, four years ago he was also appointed as Plant Director thus enriching his expertise in problem solving for packaging. He is the holder of several patents, the results of his skills and competence. He took part in the SAFEMECH project, sponsored by the European Community, publishing several articles about NIAS and Active Packaging.

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