

# Gotalene® RS 410



## Cosmetic Natural exfoliants: did you know? 3 main concerns... That disappear with Gotalene® RS 410

### Microbiological contamination

Because of the organic nature of nuts and seeds raw materials, microbiological contamination in formulation is a recurrent concern. An effective option to prevent this contamination is a gamma-ray irradiation, with a significant drawback: the potential formation of harmful radical substances.

Another option for avoiding microbiological growth is adding preservatives into the formulation, at additional costs and possible environmental impacts.

PLA is a **bio-sourced** resin that is not subject to microbiological growth, leading to the absence of contamination in formulation and no requirement for preservatives.

### Supply continuity & quality

The quality of nuts and seeds raw materials is obviously correlated to plant growing conditions and location origin. Compared to biotechnology, nature induces conditions variability and, depending of climate, the quantity and essence of natural products can change dramatically, leading to unstable quality, supply and price risks.

Because it is bio-processed, the quality and continuity of supply of Gotalene® RS 410 are guaranteed. Prices are also less subject to variations. High batch-to-batch consistency of particle size is ensured, as well as PLA characteristics based on sales specifications. Thus, the formulation can be adjusted, to match the historical and existing batch quality of your current supply.

### Shape of the particle

Shape and hardness of nuts and seeds raw materials can create micro cut to customer skin but also damage, pipes, pumps and vessels during production.

Thanks to its resin characteristics, PLA demonstrates excellent hardness to support exfoliating action, while keeping safe with customer skin and installations.

### With Gotalene® RS Serie:

- Express widely your creativity with colors that nature cannot produce
- Pick-up the most appropriate grade throughout a wide range of products
- Reach a high level of satisfaction, with performance and proven benefits