



**FOOD & BEVERAGE
PACKAGING**



UPM SPECIALTY MATERIALS AND ROYAL VAASSEN: A RECYCLABLE FIBRE-BASED HIGH-BARRIER CANISTER



UPM Specialty Materials | Finland, the Netherlands



Janita Partanen | janita.partanen@upm.com

UPM Specialty Materials and Royal Vaassen have jointly developed a recyclable fibre-based high barrier canister, that is recyclable in current fibre recycling streams. It is designed as a replacement for traditional composite canisters that often rely on laminated layers of cardboard, plastic films, and aluminium. These multimaterial structures are typically difficult to recycle because their layers cannot be separated in standard fibre recycling processes. The new fibre-based canister addresses this challenge while combining premium print performance, structural strength, and high moisture and oxygen barrier protection.

This concept allows converters to accelerate the development of their own fibre-based canister solutions, using Barryrwrap® Everest, with UPM Solide™ Lucent as the base paper. Barryrwrap® Everest provides the moisture, oxygen, and light protection required for dry food categories such as coffee, powders, and chips, which are segments traditionally reliant on aluminium foil. The canister concept has been validated as recyclable based on Capi/4evergreen v.2 recycling tests.

