

## 5 LW

### NATURALLY LIGHT

#### THE PROJECT

**Creating the first 5l container in PET able to be used in an eco-compatible production cycle.** More precisely, able to meet the strict requirements of bottling companies which want big formats to be also eco-compatible.

#### THE SOLUTION

The idea of P.E.T. Engineering was the 5 LW: the lightest 5l bottle ever.

Developed in two versions 64g and 60g, studied to be filled with nitrogen, permits to use eco-compatible production cycles also with big formats of 5l.

This incredible result has been possible thanks to the collaboration with:

- NOVAPET for the prototyping of the preforms and the use of its innovative resin X\_TREME. The combination of these two technologies allowed to obtain **a bottle which is 23% lighter if compared to the ones already in the market**, with an excellent visual impact despite the reduced weight.
- SIDE for the industrial implementation of ultra-light big formats.

