

COMité
Technique pour le
Recyclage des
Emballages
Plastiques

TECHNICAL NOTICE ELIPSO 09-02a

REQUESTED BY: NOVEMBAL

- *Date of the request:* June 2009

DESCRIPTION OF THE PACKAGING:

- *Brand name:* Novatwist
- *Shape:* Plastic capsule with screw top (used on PET bottles)
- *Colour:* According to the customer's request

MARKET: Wines and spirits

MATERIALS:

- *Outer cover:* PP
- *Insert:* HDPE
- *Inner liner:* Expanded PE/BDPE/PVDC/EVA

TECHNICAL NOTICE:

This closure system which is used on PET bottles is directed, in the French system, towards the PET stream for recycling. At the flotation stage, the closure system, mainly made from polyolefin (PE & PP) is directed towards the HDPE+PP stream for recycling. The quantity of non-polyolefin material, being very small, does not disrupt the recycling of the HDPE+PP stream.

COTREP is favourable towards the Novatwist closure system with an expanded PE/BDPE/PVDC/EVA liner, which, in the current state of equipment and techniques available in Europe, does not disrupt the recycling of PET bottles.

Note:

The PP concentration contributed by this packaging to the French pool does not significantly alter the overall concentration observed in the HDPE+PP stream. At present this overall concentration does not disrupt the main recycling channels for HDPE+PP packages available in Europe. It should however be noted that the level of PP currently present in the French household packaging stream is tending to move towards the upper limit of miscibility, above which PP cannot be mixed into HDPE, as indicated in technical notice FT38 "Influence of PP levels in the HDPE bottle stream".

Paris, September 17th 2009

COTREP.

Valérie Herrenschildt-Munoz

Vincent Colard

Tristan Brunin