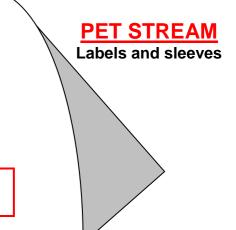
COmité Technique de Recyclage des **Emballages Plastiques**



GENERAL NOTICE Technical Sheet

SUBJECT

Behaviour of an aluminised paper label in PET bottle recycling.

IMPACT SUMMARY TABLE

Recycling stage	Impact	Description	Consequences
Pre-washing (optional)	Δ	The paper is partly defibered, the aluminium layer may remain partly stuck to the packaging body	 Higher losses Increase in waste to be processed
Sorting of bottles	Δ	One bottle with aluminised paper label detected Up to 5 bottles without aluminised labels ejected.	 Higher losses Increase in waste to be processed
Grinding	Ø		
Washing	Ø	The paper is defibered and the aluminium layer is eliminated in the washing water.	 Higher losses Increase in waste to be processed
Flake floating and separation	Ø		
Fake sorting (optional)	Ø		
Granulation (optional)	Ø		
Recycling	Ø		

Caution Ø No impact
☐ Under examination ➤ Environmental consequences

GENERAL OPINION

The aluminium coated paper label is detected during the automatic bottle sorting phase. Its detection increases bottle losses and the quantity of waste to be processed.

In the current state of equipment and techniques used and available in Europe, a bottle with an aluminised paper label seriously disrupts the recycling pf PET bottles.

Published: 14/06/06

COTREP strongly advises against using this type of label on a PET bottle body.