

COmité
Technique de
Recyclage des
Emballages
Plastiques

TECHNICAL NOTICE VLP 04_03
GLUE

REQUESTED BY: **BOSTIK**

- *Date of request:* March 25th, 2005

DESCRIPTION OF GLUE

- *Trademark:* ATOBOND 506
- *Gluing:* Hot melt PSA (pressure sensitive adhesive)
- *Application:* paper or OPP label on PET bottle
- Soluble in alkaline environment

MARKET:

- Food/ Non-food

TECHNICAL OPINION

The behaviour of the glue was analysed in the PET stream.

The behaviour of ATOBOND 506 glue in the recycling process was examined in washability and recyclability tests (cf. Technical Sheet 10: generalities on glues):

- The washability tests carried out show that ATOBOND 506 glue is very easily eliminated.
- The washability rate is significantly higher than for the conventional glues generally used.

In the washing stage, ATOBOND 506 glue is practically eliminated from the surface of the flake. The flake shows very little stickiness and the few flake clusters are easily separated.

COTREP is favourable to this type of glue which, in the current state of equipment and techniques used and available in Europe, helps to improve the recyclability of household plastic packaging from French collections.

Written in Paris on 7/12/06

CO.T.R.E.P.

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