

**CO**mité  
**T**echnique de  
**R**ecyclage des  
**E**mballages  
**P**lastiques

TECHNICAL NOTICE **CSEMP 04-05**  
PACKAGING COMPONENT

REQUESTED BY: AUTOBAR FLEXIBLE PACKAGING

- *Date of request:* February 25<sup>th</sup>, 2004

DESCRIPTION OF PACKAGING COMPONENT:

- *Brand name:* Neo Sleeve
- *Shape:* Stretch sleeve
- *Appearance:* Transparent or white opaque
- *Printing:* Inner or outer flexography

MARKET:

- Plastic bottle decoration

MATERIALS:

- Low-density polyethylene sleeve

**TECHNICAL NOTICE**

The sleeve's behaviour was analysed on the PET and HDPE+PP streams.

As stated in general notices FT 17 and FT 18 (behaviour of a stretch LDPE sleeve):

- The stretch LDPE sleeve is easily separated out from the PET stream during the various reclaiming stages. The sleeve flakes that are separated during flotation can be recovered by material recycling with polyolefin from the caps.
- The LDPE grades used to make the stretch sleeve are similar to the HDPE and PP grades used to make bottles. No significant disruption was observed during granulation of the flakes and conversion of the regenerated granules, neither was there any significant decrease in the mechanical properties of the finished products.

COTREP is in favour of this type of sleeve, which, in the current state of equipment and techniques used and available in Europe, does not disrupt the recycling of household plastic packaging from French collections.

Paris, 22/10/04

**CO.T.R.E.P.**