








**GENERAL NOTICE**  
**Technical Sheet**

**SUBJECT**

Behaviour of a stretch LDPE sleeve in HDPE and PP bottle recycling.

**IMPACT SUMMARY TABLE**

Recycling stage	Impact	Description	Consequences
 <b>Sorting of bottles</b> (optional)	∅		
 <b>Grinding</b>	∅		
 <b>Washing</b>	∅		
 <b>Flake floating and separation</b>	∅	Fleck from the LDPE sleeve with density < 1 remain in the HDPE + PP stream	
 <b>Granulation</b> (optional)	∅	Same kind of material, compatible with main stream.	
 <b>Recycling</b>	∅		

 Caution ∅ No impact ⌚ Under examination ➤ **Environmental consequences**

**GENERAL OPINION**

The LDPE grades used to produce stretch sleeves are similar to the HDPE and PP grades used to make bottles.

No significant disruption is observed during fleck granulation and the conversion of reclaimed granules, nor any significant decrease in the mechanical properties of the finished products made.

**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 the HDPE + PP bottle flow.**