

# GP PRODUCTS for SCRAP from DIFFERENT SOURCES

**Source №1:** post-industrial scrap (tubes, containers etc.)  
**Base:** polyolefin scrap based on PP and PE

- 1. Compatibilizers for mixed polyolefin scrap:**
  - GRAFTABOND™ PP-MAH 02425 CA (coupling agent for fillers and tensile strength increase)
  - GRAFTABOND™ EP-MAH 00110 IM (regulation of impact resistance)
  - Custom-made compatibilizers (based on scrap composition)
- 2. Masterbatches for melt flow regulation for PP (with peroxide):**
  - GRAFTALEN™ MB PO-DCP - 5%, 10% (peroxide concertation)
  - GRAFTALEN™ MB PO-BIB - 5%, 10% (peroxide concertation)
  - GRAFTALEN™ MB PO-DTBP - 5%, 10%, 15%, 20% (peroxide concertation)
- 3. Melt low enhancer for PE**
  - GRAFTALEN™ SA (powder)

**Source №2:** post-consumer scrap (mainly plastic bottles)  
**Base:** polyester scrap based on PET, PBT, PC

## Chain extenders for polycondensation scrap:

- GRAFTALEN™ 168E CE (powder)
- GRAFTABOND™ EB-GMA 15020 CE (Granules)

**Source: №3:** post-industrial & post-consumer scrap (wrapping and other films, containers etc.)  
**Base:** LLDPE with contaminations, inc. EVOH

## Compatibilizers:

- GRAFTABOND™ LL-MAH 00220 C
- GRAFTABOND™ EB-MAH 00330 C

**Source №4:** post-industrial & post-consumer scrap (cabels)  
**Base №1:** LDPE with contaminations SEBS, EPDM  
**Base №2:** PVC

**Base №1 (LDPE)** – the same products as for **Source №1**

**Base №2 (PVC)**

- 1. PVC Compatibilizer:**
  - GRAFTABOND PVC – MAH: Compatibilizer for PVC compounds with polar polymers
- 2. PVC Modifiers:**
  - GRAFTABOND PVC – BA
  - GRAFTABOND PVC – VA
  - GRAFTABOND SB – MMA (improves shock resistance and frost resistance)
  - GRAFTABOND EV – MMA (modifier of the hardness for rigid PVC)
  - GRAFTABOND CPE/MBS/ABS/SEBS – GMA (Impact modifiers)
- 2. Product for reducing flame propagation in plasticized PVC:**
  - GRAFTASYNT GB-RDP