

# 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 100025 CA (coupling agent for fillers and tensile strength increase)
  - GRAFTABOND™ EP-MAH 04770 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 - 3%, 5% & 10% (peroxide concertation)
  - GRAFTALEN™ MB PO-H05 (Granules) – peroxide free
  - GRAFTALEN™ MB PO-BIIB - 5% & 10% (peroxide concertation)
  - GRAFTALEN™ MB PO-DTBP– 5% & 10% (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™ 168 CE (powder)
  - GRAFTALEN™ EB 15050 CE (Granules)
  - GRAFTABOND™ EB-GMA 15020 CE (Granules) - for polyesters and polyester based compounds

**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™ EBA-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\*