



Fromto Beringen NV  
Industrieweg 180, 3583 Beringen  
BTW BE0764.409.686  
info@fromto.be | +32 11 52 04 30

# Product Data Sheet

**Product Code :** F2-FP-01-GR-NN-90-IN

**Ordering Code 5812** (replaces 7821)

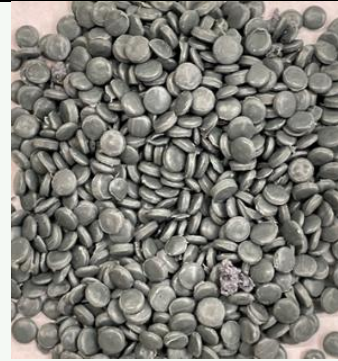
**Polymer composition :** (LL)LDPE > 93% / PP < 3 %

**Product Description :**

A mixture of colored post-consumer low density polyethylene supplied in pellet form and not additivated. It originates from pre-sorted municipal (household) waste containing mostly PE film.

**Application :** used for injection moulding.

It is not intended for use in food contact, water contact, pharmaceutical and medical applications.



## General Characteristics

**Form :** Granules

**Size :** 4 +/- 0.5 mm

**Filtration :** 120 µm

**Color :** Grey

**Packaging :** Preferably delivered in 25 ton bulk (code 5812-BU). Big bags are possible (code 5812-BB)

*Due to the nature of recyclates, some variation in product properties can be observed between batches. For that reason average values are indicated.*

## Physical & Mechanical Characteristics

**Density :** 914 kg/m<sup>3</sup> (ISO 1183)

**Melt Mass-Flow Rate (MFR) :** 0.88 g/10 min (ISO 1133 - 190°C/2.16 kg)

**Residual moisture (30 min/100°C) :** < 0.30 %

**Tensile Modulus :** 277 MPa (ISO 527-1)

**Tensile Strength (at break) :** 15.4 MPa (ISO 527-2)

**Tensile Elongation (at break) :** 309 % (ISO 527-2)

**Flexural Modulus :** 371 MPa (ISO 178)

**Impact Strength (Charpy Test) at 23°C :** 70 kJ/m<sup>2</sup> (ISO 179)

**Impact Strength (Charpy Test) at -15°C :** 39 kJ/m<sup>2</sup> (ISO 179)

## Other Characteristics

**Melting Point (L)LDPE :** 110 – 126 °C (ISO 11357-1)

**Melting Point PP :** 163 – 164 °C (ISO 11357-1)

**Ash Content :** 2,1 % (ISO 3451)

Version 24-04-2026

### Disclaimer

The liability of FROMTO is strictly limited to the features and provisions laid out in this product data sheet. No claims, representations or warranties, whether express or implied, are made by FROMTO as to the processability of the products. Once a buyer uses, processes (whether or not in combination with other products) or handles a product of FROMTO, FROMTO does not accept any kind of liability whatsoever as to the safety, reliability, processability, durability and performance of the products subject to usage, processing or handling.