



Fromto Houthalen NV
Europark 1075, 3530 Houthalen-Helchteren
BTW-nr.: BE0439.289.343
info@fromto.be | +32 11 52 04 30

Product Data Sheet

Product Code : F2-RP-04-GR-NN-50-IN

Ordering Code : 3611 (replaces 7819)

Polymer composition : PE 25-75% / PP 75-25 %

Product Description : Recy HDPE/PP originates from recycled pre-sorted municipal (household) waste and is not additivated

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 : < 5mm

Filtration : 400 μ

Color : Grey

Packaging : Delivered in Big bags (code 3611-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 : 952 kg/m³ (ISO 1183)

Melt Mass-Flow Rate (MFR) : 7.1 g/10 min (ISO 1133 - 230°C/2.16 kg)

Residual moisture (30 min/100°C) : < 0.20 %

Tensile Modulus : 1125 MPa (ISO 527-1)

Tensile Strength (Yield) : 23.4 MPa (ISO 527-2)

Tensile Elongation (at break) : 7.5 % (ISO 527-2)

Impact Strength (Charpy Test) at 23°C : 6.5 kJ/m² (ISO 179)

Other Characteristics

Melting Point PE : 129 °C (ISO 11357-1)

Melting Point PP : 161 °C (ISO 11357-1)

Version 01-10-2025

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