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Product Data Sheet

Product Code : F2-RP-90-GR-NN-20-IN

Ordering Code : 3102 (replaces 7803)

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

Product Description : Recy Maalgoed 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 : Regrind

Size : < 15mm

Filtration : -

Color : Mixed Colors

Packaging : Delivered in Big bags (code 3102-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 : 910 kg/m³ (ISO 1183)

Melt Mass-Flow Rate (MFR) : 4.32 g/10 min (ISO 1133 - 230°C/2.16 kg)

Tensile Modulus : 921 MPa (ISO 527-1)

Tensile Strength (Yield) : 20.5 MPa (ISO 527-2)

Tensile Elongation (Yield) : 8,4 % (ISO 527-2)

Tensile Elongation (at break) : 8.8 % (ISO 527-2)

Impact Strength (Charpy Test) at 23°C : 7.5 kJ/m² (ISO 179)

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