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Product Data Sheet

Product Code : F2-FP-12-GR-NN-20-EX

Ordering Code : 5608 (replaces 7815)

Polymer composition : (LLD)PE 60-80% / PP 20-40 %

Product Description : A mixture of colored post-consumer low density polyethylene and other polyolefins supplied in pellet form, without additives. It originates from pre-sorted municipal (household) waste containing mostly PE and PP film.

Application : used for extrusion.

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



General Characteristics

Form : Granules

Size : 4 +/- 0,5mm

Filtration : 1200 µm

Color : Grey

Packaging : Preferably delivered in 25 ton bulk (code 5608-BU). Big bags are possible (code 5608-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 : 940 kg/m³ (ISO 1183)

Melt Mass-Flow Rate (MFR) : 3.1 g/10 min (ISO 1133 - 230°C/2.16 kg)

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

Tensile Modulus : 646 MPa (ISO 527-1)

Tensile Strength (Yield) : 15.8 MPa (ISO 527-2)

Tensile Elongation (at break) : 23 % (ISO 527-2)

Impact Strength (Charpy Test) at 23°C : 9.8 kJ/m² (ISO 179)

Other Characteristics

Melting Point (LLD)PE : 123 – 126 °C (ISO 11357-1)

Melting Point PP : 160 – 164 °C (ISO 11357-1)

Ash Content : 3.4 % (ISO 3451)

Version 01-10-2025

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