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Product Data Sheet

Product Code : F2-FP-01-GR-CN-90-FI

Ordering Code : 5814 (replaces 7822)

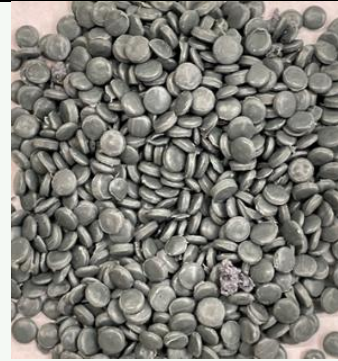
Polymer composition : (LL)LDPE > 93% / PP < 3 %

Product Description :

A mixture of colored post-consumer low density polyethylene supplied in pellet form and is additivated to increase shelf life. It originates from pre-sorted municipal (household) waste containing mostly PE film.

Application : used for the production of blown film

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-green

Packaging : Preferably delivered in 25 ton bulk (code 5814-BU). Big bags are possible (code 5814-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 : 846 kg/m³ (ISO 1183)

Melt Mass-Flow Rate (MFR) : 0.70 g/10 min (ISO 1133 - 190°C/2.16 kg)

Film Characteristics (50µm) :

Tensile Modulus : MD 260 MPa / TD 248 MPa (ISO 527-3)

Tensile Strength (at break) : MD 15 MPa / TD 11 MPa (ISO 527-3)

Tensile Elongation (at break) : MD 381 % / MD 386 % (ISO 527-3)

Tear resistance : MD 6N / TD 12N (ISO 6383-1)

Dart Drop Impact : 50g (ISO 7765-1)

Other Characteristics

Melting Point (L)LDPE : 110 – 125 °C (ISO 11357-1)

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

Ash Content : 2,1 % (ISO 3451)

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