

Product datasheet

Version: 1.2
Valid since: 14.08.2024
Replacing version: 1.1 from 29.06.2018



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P-05

P-05 is a sorted, washed, coarsly melt-filtered and black coloured LDPE-regranulate out of post-consumer recycling.

PROPERTIES

| | | |
|-----------------|-------------------|------------------------|
| Polymer | Post-consumer | LD/LLDPE |
| content LLDPE | | < 20 % |
| Density | ISO 1183 | 0,92 g/cm ³ |
| Color | thickness < 50 µm | black |
| Melt filtration | | 180 - 200 µm |
| MFR (190/2,16) | ISO 1133 | Ca. 1 g/10' |

APPLICATIONS

| | Dosage | Costs | CO ₂ footprint | Elongation | Dart drop | Elmendorf | Impact resistance | Tear resistance | Tensile strength | Recyclability | Output | printability |
|-----------------------|--------|-------|---------------------------|------------|-----------|-----------|-------------------|-----------------|------------------|---------------|--------|--------------|
| PO pipes | 5-50 % | ↓ | ↓ | ↑ | - | - | ↑ | - | - | 0 | - | - |
| PO injection moulding | 5-20 % | ↓ | ↓ | ↑ | - | - | ↑ | - | - | 0 | - | - |

↓ ... decreasing, ↑ ... increasing, 0 ... remaining, - ... not relevant

PACKAGINGS

bigbag, silo-truck

PROCESSING

Direct dosage into plastics conversion process.

TIP at high humidity: instead of time-consuming pre-drying we recommend to dose ca. 0,5 -2,0 % of our dryer masterbatch **WK UP®sorb W 2065** directly on demand.

TIP in case of odours: please dose ca. 2,0 % of our odour cavenger **WK UP®sorb W 2965** directly. It substitutes any dryer masterbatch.

STORAGE

It is recommended to store this product under dry conditions, temperatures beyond 45 °C and protected from UV radiation. Otherwise degradation phenomenons can occure, leading to color changes and bringing negative effects on physical properties.