

POLYBLAK® 7180

Product Description

POLYBLAK® 7180 is a carbon black masterbatch for the colouring of polyethylene and polypropylene fibres, yarns and filaments.

POLYBLAK® 7180 contains 40 % fine dispersed carbon black in polyethylene.

General

| | |
|-------------------|---|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Uses | • Masterbatch |
| Processing Method | • Cast Film • Continuous Filament/Spinning • Spunbond Nonwovens |

| Physical | Nominal Value (English) | Nominal Value (SI) |
|---------------------------------|-------------------------|------------------------|
| Additive Content (Carbon Black) | 40.0 % | 40.0 % |
| Specific Gravity | 1.14 | 1.14 g/cm ³ |
| Bulk Density | 44.9 lb/ft ³ | 720 kg/m ³ |
| Moisture Content | < 1500 ppm | < 1500 ppm |
| Heat Stability | 572 °F | 300 °C |
| Light Fastness | 8 | 8 |
| Weather Fastness | 5 | 5 |

Usage

POLYBLAK® 7180 is especially suited for the colouring of polyethylene and polypropylene fibres, yarns and filaments where a uniform dispersion of carbon black is required.

For fibre applications we recommend an addition rate of 1 to 3 % POLYBLAK® 7180, depending on the opacity required. A higher addition rate for other applications is also possible.

Remark

This formulation does not contain diarylide pigments.

Regulatory

POLYBLAK® 7180 can be used in food-packaging according to:

- FDA: not approved
- EEC (2002/72): max. 6,25 % dosage

Detailed information available upon request.

Packaging & Storage

POLYBLAK® 7180 is packed in 25 kg polyethylene bags on 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.