

# POLYBLAK® 1850

## Product Description

POLYBLAK® 1850 is a carbon black masterbatch for the colouring of polyolefins for extrusion and injection moulding.

POLYBLAK® 1850 contains 50 % SRF-type carbon black in polyethylene.

## General

Material Status	• Commercial: Active		
Availability	• Europe		
Uses	• Masterbatch		
Appearance	• Black		
Processing Method	• Blown Film • Cast Film	• Extrusion Blow Molding • Injection Molding	• Pipe Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Carbon Black, SRF-type)	50.0 %	50.0 %
Specific Gravity	1.22	1.22 g/cm <sup>3</sup>
Bulk Density	46.8 lb/ft <sup>3</sup>	750 kg/m <sup>3</sup>
Moisture Content	< 1500 ppm	< 1500 ppm
Heat Stability	572 °F	300 °C
Light Fastness	8	8
Weather Fastness	5	5

## Usage

POLYBLAK® 1850 is especially suited for the colouring of polyethylene films, sheets and injection moulded parts for which a perfectly uniform dispersion of carbon black is required.

For injection and blow moulding applications we recommend an addition rate of 1 to 3 % POLYBLAK® 1850, depending on the opacity required. A higher addition rate for film applications is also possible.

## Remark

This formulation does not contain diarylide pigments.

## Regulatory

POLYBLAK® 1850 can be used in food-packaging according to:

- FDA: not approved
- EEC (2002/72): not approved

Detailed information available upon request.

## Packaging & Storage

POLYBLAK® 1850 is packed in 25 kg polyethylene bags on 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.