

POLYBLAK® 7170

Product Description

POLYBLAK® 7170 is a special carbon black masterbatch for the colouring of extruded and injection moulded polyolefins.

POLYBLAK® 7170 contains 40 % fine dispersed FDA-approved P-type carbon black polyethylene.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	
Uses	• Masterbatch		
Processing Method	• Blown Film • Cast Film • Continuous Filament/Spinning	• Extrusion Blow Molding • Foam Extrusion • Pipe Extrusion	• Sheet Extrusion • Spunbond Nonwovens

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Carbon Black, P-type)	40.0 %	40.0 %
Specific Gravity	1.15	1.15 g/cm ³
Bulk Density	43.7 lb/ft ³	700 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® 7170 is especially suited for the colouring of polyethylene used for the production of LDPE- and HDPE-films where highest opacity and dispersion of carbon black is needed. For injection and blow moulding applications we recommend an addition rate of 1 to 3 % POLYBLAK® 7170, depending on the opacity required.

Remark

This formulation does not contain diarylide pigments.

Regulatory

POLYBLAK® 7170 can be used in food-packaging according to:

- FDA: approved
- EEC (2002/72): max. 6,25 % dosage

Detailed information available upon request.

Packaging & Storage

POLYBLAK® 7170 is packed in 25 kg polyethylene bags on 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.