

POLYBLAK® 1420

Product Description

POLYBLAK® 1420 is a carbon black masterbatch for the colouring of polyolefins for extrusion and injection moulding.

POLYBLAK® 1420 contains 40 % SRF-type carbon black and 20 % antiblock in polyethylene.

General

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

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content		
Antiblock	20.0 %	20.0 %
Carbon Black, SRF-type	40.0 %	40.0 %
Specific Gravity	1.37	1.37 g/cm ³
Bulk Density	48.7 lb/ft ³	780 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® 1420 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. A higher concentrated alternative is POLYBLAK® 1860 with 50 % carbon black.

For injection and blow moulding applications we recommend an addition rate of 1 to 3 % POLYBLAK® 1420, 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® 1420 can be used in food-packaging according to:

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

Detailed information available upon request.

Packaging & Storage

POLYBLAK® 1420 is packed in 25 kg polyethylene bags on 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.