POLYBLAK® 1860

Product Description

POLYBLAK® 1860 is a carbon black masterbatch for the colouring of polyolefins for extrusion and injection moulding.

POLYBLAK® 1860 contains 50 % SRF-type carbon black and 10 % 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	10.0 %	10.0 %	
Carbon Black, SRF-type	50.0 %	50.0 %	
Specific Gravity	1.33	1.33 g/cm ³	
Bulk Density	49.9 lb/ft ³	800 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® 1860 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 lower concentrated alternative is POLYBLAK ® 1420 with 40 % carbon black.

For injection and blow moulding applications we recommend an addition rate of 1 to 3 % POLYBLAK® 1860, 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® 1860 can be used in food-packaging according to:

FDA: not approved

• EEC (2002/72): not approved

Detailed information available upon request

Packaging & Storage

POLYBLAK® 1860 is packed in 25 kg polyethylene bags on 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.

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