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 p	polyethylene.
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General			
Material Status	 Commercial: Active 		
Availability	Europe		
Uses	 Masterbatch 		
Appearance	Black		
Processing Method	Blown FilmCast Film	Extrusion Blow MoldingInjection 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 ³	
Bulk Density	46.8 lb/ft ³	750 kg/m³	
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.

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