POLYWHITE® 8870

Product Description

POLYWHITE® 8870 is a white masterbatch for the colouring of polyolefins.

POLYWHITE® 8870 contains TiO2 (Rutil - Type) and other inorganic white pigments in polyethylene.

General

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

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Titanium dioxide)	75.0 %	75.0 %
Specific Gravity	2.25	2.24 g/cm³
Bulk Density	81.2 lb/ft³	1300 kg/m³
Moisture Content	< 1500 ppm	< 1500 ppm
Heat Stability	572 °F	300 °C
Light Fastness	7	7
Weather Fastness	3 to 4	3 to 4

Usage

POLYWHITE® 8870 is especially suited for the colouring of indoor LDPE-films e.g. shopping bags. POLYWHITE® 8870 can also be used for the colouring of injection and blow moulded articles. A higher concentrated version is POLYWHITE® 8860.

Combinations with UV-stabilisers are not recommended. As an alternative for combinations with UV-stabilisers we recommend POLYWHITE® 8620 ES.

For injection and blow moulding applications we recommend an addition rate of 1 to 5 % POLYWHITE® 8870, depending on the opacity required. A higher addition rate for film applications is also possible.

Remark

This formulation does not contain diarylide pigments.

Regulatory

POLYWHITE® 8870 can be used in food-packaging according to:

- EEC (2002/72): approved
- EEC (94/62): approved

SML and detailed information available upon request.

Packaging & Storage

POLYWHITE® 8870 is packed in 25 kg polyethylene bags on shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.