

# POLYWHITE® 8000

## Product Description

POLYWHITE® 8000 is a high concentrated white masterbatch for the colouring of polyolefins.

POLYWHITE® 8000 contains 70 % TiO<sub>2</sub> (Rutile) in polyethylene.

## General

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

Physical	Nominal Value (English)	Nominal Value (SI)
Additive Content (Titanium dioxide)	70.0 %	70.0 %
Specific Gravity	2.01	2.00 g/cm <sup>3</sup>
Bulk Density	74.9 lb/ft <sup>3</sup>	1200 kg/m <sup>3</sup>
Moisture Content	< 1500 ppm	< 1500 ppm
Heat Stability	536 °F	280 °C
Light Fastness	7	7
Weather Fastness	4	4

## Usage

POLYWHITE® 8000 is especially suited for the colouring of films where a high hiding power at a low let down ratio is required. POLYWHITE® 8000 can also be used for the colouring of injection and blow moulded articles. An economical alternative with 70 % TiO<sub>2</sub> is POLYWHITE® 8000 ES.

For injection and blow moulding applications we recommend an addition rate of 1 to 3 % POLYWHITE® 8000, depending on the opacity required. An addition rate up to 20 % for film applications is also possible.

## Remark

This formulation does not contain diarylide pigments.

## Regulatory

POLYWHITE® 8000 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® 8000 is packed in 25 kg polyethylene bags on shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.