

# POLYWHITE® 8000 CL

## Product Description

POLYWHITE® 8000 CL is a white masterbatch with high heat stability for the colouring of polyolefins for outdoor applications.

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

## General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	
Uses	• Masterbatch		
Processing Method	• Blown Film • Cast Film	• Continuous Filament/Spinning • Foam Extrusion	• Injection Molding • Oriented Flat Film

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	71.8 lb/ft <sup>3</sup>	1150 kg/m <sup>3</sup>
Moisture Content	< 1500 ppm	< 1500 ppm
Heat Stability	536 °F	280 °C
Light Fastness	8	8
Weather Fastness	5	5

## Usage

POLYWHITE® 8000 CL is especially suited for the colouring of agricultural films where a high hiding power at a low let down ratio and additional dosage of UV-stabilizer ( e.g. POLYBATCH UVS 210 ) is required . POLYWHITE® 8000 CL can also be used for the colouring of injection moulded articles that are used outdoors.

A lower concentrated alternative is POLYWHITE® NG 8270 W with 60 % special TiO<sub>2</sub>.

For injection and blow moulding applications we recommend an addition rate of 0,5 to 3 % POLYWHITE® 8000 CL, depending on the opacity required. Addition rates up to 20 % for agricultural film applications are also possible.

## Remark

This formulation does not contain diarylide pigments.

## Regulatory

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