

POLYWHITE® 8977 CL

Product Description

POLYWHITE® 8977 CL is a white masterbatch with high heat stability for the colouring of polyolefins for outdoor applications.

POLYWHITE® 8977 CL contains 75 % special TiO₂ (Rutile - Type) 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	2.21	2.20 g/cm ³
Bulk Density	74.9 lb/ft ³	1200 kg/m ³
Moisture Content	< 1500 ppm	< 1500 ppm
Heat Stability	572 °F	300 °C
Light Fastness	8	8
Weather Fastness	5	5

Usage

POLYWHITE® 8977 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® 8977 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 TiO₂.

For injection and blow moulding applications we recommend an addition rate of 0,5 to 3 % POLYWHITE® 8977 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® 8977 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® 8977 CL is packed in 25 kg polyethylene bags on shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.