

# TECHNICAL DATA SHEET

## **POLYWHITE<sup>®</sup> 8860**

**POLYWHITE<sup>®</sup> 8860** is a white masterbatch for the colouring of polyolefins.

**POLYWHITE<sup>®</sup> 8860** contains TiO<sub>2</sub> (Rutil - Type) and other inorganic white pigments in polyethylene.

### **PHYSICAL PROPERTIES**

Base resin	PE
Specific Gravity (g/cm <sup>3</sup> )	2,24
Bulk Density (g/l)	1300
Moisture Content (ppm)	< 1500
Light Fastness	7
Weather Fastness	3-4
Heat Stability (°C)	300
Total pigment content (%)	75

These are typical properties only, and are not be regarded as sales specifications.

This formulation does not contain diarylide pigments.

### **USAGE**

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

*Combinations with UV-stabilisers are not recommended.* As an alternative with same opacity for combinations with UV-stabilisers we recommend **POLYWHITE<sup>®</sup> 8625 ES**.

For injection and blow moulding applications we recommend an addition rate of 1 to 5 % **POLYWHITE<sup>®</sup> 8860**, depending on the opacity required. A higher addition rate for film applications is also possible.

### **FOOD APPROVAL**

**POLYWHITE<sup>®</sup> 8860** can be used in food-packaging according to:

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

Detailed information available upon request.

### **PACKAGING AND STORAGE**

**POLYWHITE<sup>®</sup> 8860** is packed in 25 kg polyethylene bags on shrink-wrapped pallets. The storage should not exceed 12 months for optimum performance.

Users should undertake sufficient verification and testing to determine the suitability for their own purpose of any information or products referred to herein.

Reported values pertain only to natural resins : pigmentation may vary properties.

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