

# RECYCLOBYK 4372

Free-flowing light stabilizer system for the recycling of polyolefins.

## Product Data

### Composition

Mixture of light stabilizers, antioxidants and co-stabilizers

### Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Softening/melting range: 55-180 °C

Active substance: 100 %

Supplied as: Pale yellow granulate

### Storage and Transportation

Store in a cool, dry, dark and well-ventilated location.

## Applications

### Thermoplastics

#### Special Features and Benefits

RECYCLOBYK 4372 has been specifically developed for the light stabilization of recycled plastics. The product also enhances the processing and long-term stability of the recycle.

It is intended to be used for:

- Polyolefin recyclates such as HDPE, LDPE and PP, as well as blends and copolymers of these resins for making thick-walled articles such as bottle crates, containers, waste bins, films, and pallets.
- Pigmented and unpigmented polyolefin recyclates for applications in thick-walled sections intended to be used outdoors.
- Recycled material originating from short life applications such as packaging, which is intended to be reused in long-term applications.
- Recyclates from pre-damaged weathered parts to be re-used in similar applications.
- Recycled polyolefins for film applications.

RECYCLOBYK 4372 provides light stability to recycled plastics, thus enhancing the value and the application possibilities of the recycle. Basic processing and heat stability is also provided.

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Data Sheet  
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## Recommended Use

HDPE, LDPE recycling for outdoor applications	<input checked="" type="checkbox"/>
PP recycling for outdoor applications	<input checked="" type="checkbox"/>
Recycled polyolefins for film applications	<input type="checkbox"/>

especially recommended     recommended

## Recommended Levels

Depending on the residual stabilizer content of the material to be recycled, RECYCLOBYK 4372 is used in quantities from 0.1 % to 0.5 %.

The above-recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

## Incorporation and Processing Instructions

RECYCLOBYK 4372 is easily dispersed into the polypropylene by using conventional extrusion compounding techniques.



Additive Guide



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