

RECYCLOBYK 4370

Heat stabilizer and processing aid for use in multiple polyolefin compositions for recycling applications to improve the processability and long-term stability of the recycle.

Product data

Composition

Organic heat stabilizer and processing aid composition

Typical properties

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

Active substance: 100 %
 Color: off-white
 Delivery form: pellets

Storage and transportation

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

Applications

Thermoplastics

Special features and benefits

RECYCLOBYK 4370 has been specifically developed to provide processing stability and long-term thermal stability to recycled polyolefins, such as HDPE, PP, LDPE, polyolefin blends, and mixed plastics. It is also designed to restabilize plastics during recycling. By using RECYCLOBYK 4370 during the processing of recycled plastics, the melt flow properties and the long-term thermal stability can be preserved, thus enhancing the value and the application possibilities of the recycle. RECYCLOBYK 4370 is suitable for polyolefin blends with different chemical compositions (e.g. bottle fractions), recycled LDPE films, and PP and HDPE waste films, and is manufactured with a tight concentration specification for reliable performance. The additive is safe and easy to handle.

Recommended use

Extrusion and blow molding	■
Injection and compression molding	■
Thick film and sheet	■
Thin film	■

■ especially recommended □ recommended

Recommended levels

0.1–0.5 % additive (as supplied) based on the total formulation

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

RECYCLOBYK 4370 can be easily dispersed into the polymer by using conventional extrusion compounding techniques.



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contact

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This issue replaces all previous versions.