

# 575 PE

## Flame Retardant

### Supplied in shape of:

Mixture, Granule.

### Active agent:

Halon-containing flame retardant.

### Area of use:

**HECO<sup>®</sup>FLAM 575 PE** is suitable for use in polyethylene articles. Compliance with fire standards such as DIN 4102 and UL 94 is possible by using this masterbatch.

### Recommended dose:

**HECO<sup>®</sup>FLAM 575 PE** is added in the range of 3.5 - 6.5 % depending on the article to be produced and the required fire standard. A 200 µm thick PE film achieves DIN 4102 B2 with a dosage of 4.0 %. **HECO<sup>®</sup>FLAM 575 PE** is used in the PE foam industry for B1 according to DIN 4102 with 5.0 - 7.0 %. In any case, a test must be carried out on the finished product.

### Properties:

**HECO<sup>®</sup>FLAM 575 PE** contains halogens, which form radicals. Since halogens are very reactive, they bind to the hydrogen in the air and act as hydrogen halide like a diluent. The result: a flame-retardant effect for the polymer.

### Pallet size:

1.275.0 kg (51 sacks at 25.0 kg) / pallet, net.

### Safety Precautions

#### Foodstuff regulation:

The mentioned product is a raw material for the plastics processing industry. A conformity for food contact applications in the plastics sector is not available.

#### Storage:

No reduction in quality has been reported when properly stored under normal room conditions up to twelve (12) months.

#### Handling:

The precautions and hygienic measures usual in the handling of any chemical product should be observed.

#### In case of fire:

In case of fire, suitable extinguishers are aqueous spray, foam or dry chemical; a full jet of water is unsuitable.

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Our information is based on the most careful analysis, nevertheless these are not guaranteed product features.  
Specific field tests are being recommended under any circumstance.

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