

# 581 PE

## Flame Retardant

### Supplied in shape of:

Mixture, Granule.

### Active agent:

Halon-containing flame retardant.

### Area of use:

**HECO<sup>®</sup>FLAM 581 PE** is suitable for use in LDPE, HDPE and polypropylene articles for high temperature processes and special flame retardant requirements according to the required fire standard.

### Recommended dose:

**HECO<sup>®</sup>FLAM 581 PE** is added in the range of 4.5 - 16.0 % depending on the article to be manufactured and the required fire standard. DIN 4102 B2 is achieved with an addition of between 4.5 - 8.0 % and DIN 4102 B1 with an addition of between 9.0 - 16.0 %. In any case, a test must be carried out on the finished product.

### Properties:

**HECO<sup>®</sup>FLAM 581 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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