

581 PE

Flame Retardant

Supplied in shape of:

Mixture, Granule.

Active agent:

Halon-containing flame retardant.

Area of use:

HECO®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®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®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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