

# 940 S

## Blowing and Nucleating Agent

### Supplied in shape of:

Mixture, Granule.

### Active agent:

Blowing and nucleating agent.

### Area of use:

**HECO<sup>®</sup>FOAM 940 S** is suitable for processing thermoplastic polymers in injection moulding and extrusion.

### Recommended use:

**HECO<sup>®</sup>FOAM 940 S** is dosed in the following ranges:

- 0.5 - 2.0 % extrusion (weight reduction)
- 0.2 - 0.5 % injection moulding (against sink marks)
- 0.5 - 2.0 % injection moulding (weight reduction)
- 0.1 - 1.0 % direct gassing (nucleation and cell regulation)

### Properties:

**HECO<sup>®</sup>FOAM 940 S** is a chemical, endothermic blowing and nucleating agent. As a nucleating agent, it achieves an extremely fine and consistent cell structure. It is suitable for injection moulding, extrusion and direct gassing. The activation temperature is 160 °C. To avoid premature gassing in the feed zone, the temperature here should be as low as possible within the processing range of the polymer (e.g. 160 - 180 °C). For an ideal gas yield, a temperature of 220 °C is recommended.

### Pallet size:

1.000.0 kg (50 sacks at 20.0 kg) / pallet, net.

### Safety Precautions

#### Foodstuff regulation:

Approval according to EU (Regulation) No. 10/2011.

Approval according to the US FDA, see "Food Contact Approvals".

#### 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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