

422 PE

Nucleating and Demoulding Agent

Supplied in shape of:

Mixture, Granule.

Active agent:

Nucleating and demoulding agent on a polyethylene carrier.

Area of use:

HECO[®]NUK 422 PE is suitable for processing polyolefins such as polyethylene and polypropylene, as well as polyamides in injection moulding and extrusion.

Recommended dose:

HECO[®]NUK 422 PE is added in the range of 1.5 - 2.5 % depending on the desired properties.

Properties:

HECO[®]NUK 422 PE improves the mechanical strength, impact strength, heat resistance, crystallisation temperature and opacity of the processable plastic. It can improve the output rate of the production plant by 8 to 15%. It contains a slip agent, which facilitates and speeds up the demoulding process, decreases cycle times and reduces stress whitening leading to a lower scrap rate.

Pallet size:

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

Safety Precautions

Foodstuff regulation:

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

Specific migration limit: 60 mg/kg food (10 mg/dm²).

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

In accordance with European Pharmacopoeia 11th edition 2023.

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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