

Characteristics

MAKROPOREs masterbatches are designed for producing lightweight injection molded articles and /or for removing sink marks of injection molded products. **MAKROPOREs** secure extremely fine foam structure. Their active ingredient is an exothermic blowing agent based on azodikarbonamide.

Grades

- **Makropore NAD 03** – contains bubble nucleating agent

Application

MAKROPOREs masterbatches are designed for use in LDPE, HDPE and PP or its copolymers. The application in other materials is possible but it should be consulted first with PIB specialists.

Handling

There is no special limitation when handling these products; only generally valid hygienic rules should be observed.

Storage

MAKROPOREs should be stored in a dry, cool and sheltered storage place.

Health Safety

MAKROPORE is not designed for use in articles, which may come into contact with foodstuffs.

General Information

- decomposition of active ingredients starts at 165°C; the maximum is at 195°C
- recommended letdown ratio is 1–2% wt.
- masterbatches are simply mixed with basic material and dosed into the processing equipment in an usual way
- screw revolution should be maintained at min. 75 min⁻¹ to obtain very fine bubble structure