

Data Sheet

# PLASTRONFOAM B 20

- Application:** foaming agent for the extrusion and injection moulding of thermoplastic resins, with low gas yield at low processing temperatures
- Active Ingredients:*** endothermic multi-component system, based on sodium bicarbonate and citric acid derivatives
- Active Content:*** 20%
- Carrier:*** multi-component polymer blend, compatible with the majority of thermoplastic resins
- Physiology:*** the raw materials used, correspond to the recommendations of the European Directives
- Supplied as:*** white, cylindrical granules

**Technical Data:**

- Decomp. Start:*** > 140°C (max. 150°C in the feeding zone, to avoid p redecomposition of the foaming agent)
- Processing Temp.:*** for a optimum gas yield, a processing temperature between 180°C and 210°C is recommended

**Dosage:**

- |                                   |                   |            |
|-----------------------------------|-------------------|------------|
| <b><i>Extrusion:</i></b>          | chemical foaming  | 1.0 – 3.0% |
| <b><i>Injection Moulding:</i></b> | weight reduction  | 0.8 – 3.0% |
|                                   | sink mark removal | 0.3 – 1.5% |

The information given in this data sheet is based on many years of practical experience. Nevertheless can it only be a recommendation and a basis for practical testing, where the optimum dosage has to be determined individually.

All information given herein is only a recommendation. Its use shall remain the sole responsibility of the customer. No patent guarantee whatsoever shall be implied.