

Data Sheet

PLASTRONFOAM C 20

- Application:** foaming agent for the extrusion and injection moulding of thermoplastic resins, with a low gas yield at medium and high 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:*** > 150°C (max. 160°C in the feeding zone, to avoid p redecomposition of the foaming agent)
- Processing Temp.:*** for a optimum gas yield, a processing temperature between 190°C and 230°C is recommended

Dosage:

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|-----------------------------------|-------------------------------|------------|
| <i>Extrusion:</i> | Chemical forming | 1.2 – 4.0% |
| | Nucleation for direct gassing | 0.6 – 2.5% |
| <i>Injection Moulding:</i> | 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.