

Data Sheet

# PLASTRONFOAM C 40

**Application:** foaming agent for the extrusion and injection moulding of thermoplastic resins, with a medium gas yield at medium and high processing temperatures

***Active Ingredients:*** endothermic multi-component system, based on sodium bicarbonate and citric acid derivatives

***Active Content:*** 40%

***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:**

<b><i>Extrusion:</i></b>	chemical foaming	0.5 – 2.0%
	Nucleation for direct gassing	0.4 – 1.0%

<b><i>Injection Moulding:</i></b>	weight reduction	0.8 – 3.0%
	sink mark removal	0.3 – 0.7%

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.