

Data Sheet

PLASTRONFOAM C 50

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: 50%

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:

<i>Extrusion:</i>	chemical foaming	0.4 – 2.0%
	direct gassing	0.3 – 0.8%

<i>Injection Moulding:</i>	weight reduction	0.7 – 2.5%
	sink mark removal	0.2 – 0.5%

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.