

Data Sheet

PLASTRONFOAM C 40 PS

Application: foaming agent for fine-celled foaming of thermoplastic polymers by extrusion and injection moulding, especially recommended for PS and styrol copolymers

Active cell regulation for direct gassed systems, for a more uniform, fine-celled foam structure

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

Active Content: 40%

Carrier: PS-based, multi-component polymer blend

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 predecomposition 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:	0.5 – 2.0%
	direct gassing:	0.1 – 0.7%

<i>Injection moulding:</i>	weight reduction:	0.8 – 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.