

# PLASTRONFOAM C 40

<b><u>Application:</u></b>	foaming agent for the extrusion and injection moulding of thermoplastic resins, with a medium gas yield at medium and high processing temperatures
<b><u>Active Ingredients:</u></b>	endothermic multi-component system, based on sodium bicarbonate and citric acid derivatives
<b><u>Active Content:</u></b>	40%
<b><u>Carrier:</u></b>	multi-component polymer blend, compatible with the majority of thermoplastic resins
<b><u>Physiology:</u></b>	the raw materials used, correspond to the recommendations of the European Directives
<b><u>Supplied as:</u></b>	white, cylindrical granules

## **Technical Data:**

<b><u>Decomp. Start:</u></b>	> 150°C (max. 160°C in the feeding zone, to avoid predecomposition of the foaming agent)
<b><u>Processing Temp.:</u></b>	for a optimum gas yield, a processing temperature between 190°C and 230°C is recommended

## **Dosage:**

<b><u>Extrusion:</u></b>	chemical foaming	0.5 – 2.0%
	Nucleation for direct gassing	0.4 – 1.0%
<b><u>Injection Moulding:</u></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.