

Data Sheet

# PLASTRONFOAM COMPOUND

**Application:** foaming agent for fine-celled foaming of thermoplastic polymers by extrusion and injection moulding.  
Active cell regulation for direct gassed extrusion processes.  
Applicable as foaming agent for PVC plastisols, the product is in compliance with the regulation for materials, coming in contact with food stuff.

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

***Active Content:*** 100%

***Physiology:*** the raw materials used, correspond to the recommendations of the European Directives

***Supplied as:*** white, free-flowing powder

**Technical Data:**

***Decomp. Start:*** >150°C (max. 160°C in the feeding zone, to avoid pre decomposition of the foaming agent)

***Processing Temp.:*** for a optimum gas yield, a processing temperature between 190°C and 230°C is recommended

***Storage Time:*** 6 month in original containers at max. 40 °C and 60 % moisture content.

**Dosage:**

<b><i>Extrusion:</i></b>	chemical foaming	0.3 – 1.0%
	Nucleation in direct gassing processes	0.1 – 0.4%

<b><i>Injection Moulding:</i></b>	weight reduction	0.5 – 2.0%
	sink mark removal	0.2 – 0.5%

<b><i>Plastisole:</i></b>	replacement of Azodicarbonamide	0.6 – 1.8%
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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.