

Preliminary Data Sheet

PLASTRONFOAM DP 1

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

Active Ingredients: endothermic multi-component system

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: >200°C

Processing Temp.: for a optimum gas yield, a processing temperature between 220°C and 240°C is recommended

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

Dosage:

<i>Extrusion:</i>	Chemical foaming	0.3 – 1.0%
	Nucleation in direct gassing processes	0.1 – 0.4%
<i>Injection Moulding:</i>	Weight reduction	0.5 – 1.5%
	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.