

Hydrocerol[®] HK

Chemical Foaming Agent

General	Chemical Foaming Agents are chemical substances, which decompose or react by the influence of heat, and are used to form foam cells in thermoplastics.
Description	Hydrocerol[®] HK is an endothermic chemical foaming agent used for controlled foaming of thermoplastic resins; especially PP and certain engineering resins.
Physical Form	White, endothermic, chemical foaming agent powder
Technical Parameters	Start of decomposition approximately 180°C. To achieve optimum gas yield, a processing temperature of 210 - 270°C is suggested. To avoid gas loss, the feeding zone should be heated to max. 170 °C
Applications	<ul style="list-style-type: none"> • Extrusion • Injection Molding • Others
Advantages	<ul style="list-style-type: none"> • High Temperature processing range • High gas yields • The raw materials used correspond with FDA and German Food Regulations
Suggested Dosages	0.25 – 2.0 %: Injection Molding (Chemical foaming for weight reduction) 0.25 – 0.5 %: Injection Molding (Sink mark removal) 0.20 – 1.0 %: Extrusion (Chemical foaming / Weight reduction)
Remarks	The product should be stored in a cool and dry place, away from direct sunlight.
Form of Packaging	20 kg PE-bags

The information in this publication corresponds to the present state of our knowledge and is intended to describe our products and their possible applications. It is not intended to guarantee the suitability of particular product characteristic for a specific use. Any existing industrial rights are to be taken into consideration. Quality is guaranteed in accordance with our general conditions of sale.

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