

## HYDROCEROL 2056

## Foaming & Nucleating Agent

General	Chemical substances that decompose or react by the influence of heat are called "chemical foaming agents". In direct gas foaming processes the "chemical foaming agents" may also be used as "nucleating agents" to produce uniform and fine cell structures.
Description	HYDROCEROL 2056 is a chemical foaming and nucleating agent masterbatch for foaming of thermoplastic resins.
Physical Form	White pellets, endothermic foaming agent masterbatch
Technical Parameters	Start of decomposition at 160°C. To avoid the gas loss, the feeding zone should be below to 160°C. To achieve optimum gas yield, a processing temperature of at least 220°C is suggested.
Applications	Direct gassing process (nucleating) Extrusion (weight reduction) Injection molding (weight and sink mark reduction) Especially recommended for polyolefines
Advantages	Easy to feed Non toxic decomposition products Multi purpose grade
Dosage	0,1 - 0,3 %: Direct gassing (nucleating and cell regulation) 0,5 - 2,0 %: Extrusion (weight reduction) 0,5 - 2,0 %: Injection molding (weight reduction) 0,2 - 0,5 %: Injection molding (sink mark reduction)
Remarks	The product should be stored in a cool and dry place, away from direct sunlight.
Form of Packaging	20 kg 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. September 2000

01 August 2003  
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