



## » PRODUCT BULLETIN

# Hydrocerol™ and Excelite™ Chemical Foaming Agents Solid and Liquid Additive Packages

Solid and liquid format chemical foaming agents (CFAs) react under the influence of heat to release gas into the plastic matrix during the manufacturing process of plastic parts. They create a fine-cell foam structure in the interior of the part while reducing virgin or recycled polymer requirements, resulting in lighter weight products.

Avient offers two CFA options—Hydrocerol™ CFA in pellet or powder form and Excelite™ liquid CFA. Both work to reduce weight, hide surface defects, and improve cycle times. They are tested and proven across a wide range of polymers and applications, and are suitable for injection molding, extrusion, and blow molding processes.

### KEY CHARACTERISTICS

- Enables lightweighting to reduce material use and improve sustainability
- Enhances aesthetics by reducing warpage and sink marks
- Improves flow and reduces cycle times for greater operational efficiency

### MARKETS AND APPLICATIONS

Hydrocerol and Excelite CFAs can add value to a variety of industries and applications, including:

- **Automotive** – interior trim, dashboard, doors, and glove box
- **Packaging** – films and sheets
- **Building & Construction** – extruded decking, siding trim, and profiles
- **Industrial** – durable goods, such as containers or pallets

1.844.4AVIENT  
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