

# Cel-Span® CFA 200



**PHOENIX**  
Plastics

[www.phoenixplastics.com](http://www.phoenixplastics.com)

## **Cel-Span® CFA 200**

A binary Endothermic/ Exothermic Chemical Foaming Agent.

Cel-Span® CFA 200 is a 50% active Binary foaming agent specially formulated with activators and self-nucleating agents that contribute to uniform cell formation and smooth surfaces. Cel-Span® CFA 200 concentrate releases mostly N<sub>2</sub> and CO<sub>2</sub> gases upon decomposition. This product is safe when used under the conditions of intended use. Upon complete decomposition (activation) of the C.F.A., the extruded and injected parts will become white, similar in color to endothermic chemical foaming agents. Cel-Span® CFA 200 is recommended for extrusion, injection, and structural molding of any kind of thermoplastics, except polycarbonate and thermoplastic polyesters.

## **Applications: Injection Molding – Extrusion**

**Chemical Composition:** Modified Azodicarbonamide

**Appearance:** Dust Free Yellow Pellets

**Decomposition Temperature:** 375°F to 425°F

**Gas Volume:** g/cc 160 – 170 (temperature depended)

**Gas Evolved:** N<sub>2</sub>, CO<sub>2</sub>, NH<sub>3</sub>

## **Usage Recommendations:**

- Extrusion: 1.0-1.5%
- Nucleation of Direct Gas Foamed: 0.5-1%
- Gas Counter Pressure: 1.0-2.5%
- Structural Foamed Molding: 1.5-2.5%

Cel-Span® CFA 200 is packaged in 55 lb. plastic bags and 1,100 lb. gaylord boxes. We recommend this product be kept closed and stored in the original container, away from light, heat and high humidity environments.

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