

CEL-SPAN®

**CFA 827**



## Cel-Span® CFA 827

Cel-Span® CFA 827 is an endothermic foaming agent concentrate recommended for injection molding & extrusion applications for a variety of thermoplastic resins such as polyethylene, polypropylene, styrenics, MPPO and ABS. Cel-Span® CFA 827 is recommended for extrusion, and structural foam molding of polyolefins, polystyrene, MPPO and ABS. This product exhibits a very fine cell structure compared to a typical endothermic foaming agent in extrusion applications. This new product has been engineered to eliminate splay and to exhibit good surface aesthetics for solid injection foam parts.

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

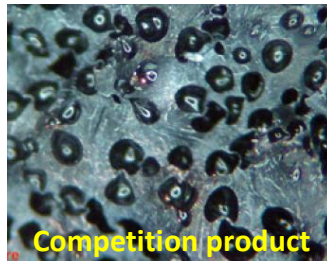
Chemical composition: Mixture of polycarbonic acids and carbonates

Appearance: Natural White Pellets

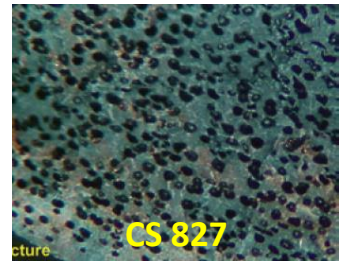
Decomposition Temperature: 380°F - 550°F

Gas volume cc/gm: 30-40

Gas evolved: Carbon Dioxide



**Competition product**



**CS 827**

Extrusion profile parts magnified to 40x

### **Usage Recommendations:**

Extrusion: 1-3%

Nucleation of direct gas foamed: 0.5-1%

Gas counter pressure: 2-3%

Structural foamed molding: 2-3%

Cel-Span® CFA 827 is packaged in 55 lb. plastic bags or 1,100 lb. gaylord boxes. We recommend this product be kept closed and stored in the original container, away from light, heat, and highly humid environments. No adverse health effects from the use of Cel-Span® CFA 827 are known.

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