



## TECHNICAL DATA SHEET

### BLOWING AGENT CONCENTRATE

**Product Name: M1010-30**

**M1010-30 is an ENDO/EXO based blowing agent concentrate that has been specifically balanced for use in rigid PVC foamed sheet and rigid PVC filled profile applications. M1010-30 is formulated to have a higher gas yield (develop more gas on activation) the end result is an effective concentrate allowing lower use levels as compared to competitive concentrates. M1010-30 is recommended for use in higher melt temperature processes (above 395 F). M1010-30 is a pellet concentrate designed for direct addition during the extrusion process, assuring accurate and flexible dosing online. M1010-30 develops a fine uniform cell structure, allowing for optimum density reduction and a stable foam process.**

#### **Typical Physical Properties**

**Form: Pellet**

**Color: Yellow**

**Gas Yield: 70 cc/gram @ 220 C**

**Starting Activation Temperature: 138 C**

**Pellets per Gram: 210 to 220**

#### **Recommended use Levels:**

**For rigid PVC foamed sheet, typical use levels range between 0.9 to 1.1 % additions. The level is dependent on the process melt temperature and the processing aid used. Typical density target for the rigid PVC foamed sheet is 0.6 grams/cc.**

**For rigid PVC filled profile applications, typical use levels range between 0.35 to 1.0 % additions. The level is dependent on desired density reduction, level of filler and physical property requirements.**