



## TECHNICAL DATA SHEET

### BLOWING AGENT CONCENTRATE

**Product Name: M1010-LD**

**M1010-LD 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-LD 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 pellet concentrates. M1010-LD is recommended for use in higher melt temperature processes (above 395 F). M1010-LD is a non dusting granular concentrate designed for direct addition into the high intensity mixing process. M1010-LD disperses quickly during mixing and will not separate from the dry blend after blending. M1010-LD develops a fine uniform cell structure, allowing for optimum density reduction and a stable foam process.**

#### **Typical Physical Properties**

**Form: Granular**

**Color: Yellow**

**Gas Yield: 118 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 0.59 to 0.72 % 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 0.22 to 0.68 % additions. The level is dependent on desired density reduction, level of filler and physical property requirements.**