



TECHNICAL DATA SHEET

BLOWING AGENT CONCENTRATE

Product Name: M1020-LD

M1020-LD is an ENDO/EXO based blowing agent concentrate that has been specifically balanced for use in rigid PVC foamed sheet and rigid PVC profile applications. M1020-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. M1020-LD is recommended for use in lower melt temperature processes (at or below 395 F). M1020-LD is a non dusting granular concentrate designed for direct addition into the high intensity mixing process. M1020-LD disperses quickly during mixing and will not separate from the dry blend after blending. M1020-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: 115 cc/gram @ 220 C

Starting Activation Temperature: 136 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.