



TECHNICAL DATA SHEET

BLOWING AGENT CONCENTRATE

Product Name: M1010

M1010 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 is recommended for use in higher melt temperature processes (above 395 F). M1010 is a pellet concentrate designed for direct addition during the extrusion process, assuring accurate and flexible dosing online. M1010 develops a fine uniform cell structure, allowing for optimum density reduction and a stable foam process. Ask about our M1010-30. It's more cost effective.

Typical Physical Properties

Form: Pellet

Color: Yellow

Gas Yield: 54 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 1.3 to 1.6 % 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 0.5 to 1.5 % additions. The level is dependent on desired density reduction, level of filler and physical property requirements.