



“Speed, Quality, Economy...”

Recommendations for Usage *Blowing Agent Compounds for Rotomolding*

AccelMax™ BA-RM and **AccelMax™** BA-RMP chemical blowing agent compounds can be mixed directly in the mold with polyethylene (PE) powders in a single-step rotomolding process or can be used in conjunction with drop boxes to form multi-layer part walls.

1. **AccelMax** BA-RM pellets are typically mixed with PE powder at a ratio of *one* part PE to *three* parts or more of the compound to foam a rotomolded part core.
2. **AccelMax** BA-RMP pellets can be mixed with PE powder at a ratio of *two* parts PE to *one* part of the compound to foam product walls.
3. The compounds:
 - ▶ Offer additional stiffness in multi-layer molding.
 - ▶ Relieve stresses.
 - ▶ Lighten the product by as much as 65 %.
 - ▶ Help enhance the exterior finish.
 - ▶ Provide an extra level of design freedom.
4. We suggest working directly with **Accel Color** Technical Service personnel to determine the processing parameters, blowing agent and activation types, and the activity level for any particular application. Technical service offers:
 - ▶ In-depth assistance for custom formulations to fit customer applications for a range of issues such as:
 - Weight and density reduction.
 - The roles of primary blowing and nucleating agents in structural foam processing.
 - Elimination of sink marks in injection-molded parts.
 - Part weight reduction for rotomolded parts.
5. As with all **Accel Color** products, **AccelMax** BA-RM and **AccelMax** BA-RMP are available in any quantity at customer-set delivery times. The base products can be fine-tuned with special formulations.