



PRODUCT DATA SHEET

POLYcor 263-O

Endothermic / Exothermic Chemical Foaming Agent For PS and PP Applications

POLYcor 263-O is a 40% active hybrid chemical foaming agent combining the best qualities endothermic and exothermic chemical foaming agents. POLYcor 263-O offers manufacturers a customized foaming agent to meet specific molding and extrusion needs. Our patented process allows us to compound these two types of chemical foaming agents in one pellet, unlike salt and pepper blends others offer. POLYcor 263-O is intended for use in structural foam molding, extrusion processes, injection molding and nucleation of direct-gassed foams.

Due to POLYcor's endothermic nature, benefits include:

- uniform weight reductions
- better surface characteristics
- consistent results
- fine cell structures
- better physical properties
- lower raw material and product costs

POLYcor's exothermic properties yield:

- higher gas volumes
- excellent weight reductions
- sink mark elimination in thick sections opposite ribs
- greater gas pressure for large complicated parts

Typical Properties	Typical Value, Units
Physical Form	Polymer Pellet
Active Ingredients	Acid and Nitrogen Components
Specific Gravity (H ₂ O=1)	1.06 – 1.10
Activity	40%
Process Temperatures	380 – 600° F
Evolved Gas	Carbon Dioxide and Nitrogen

These are not specifications. Analysis obtained on a composite sample will approximate these published values.

Recommended Use Levels for POLYcor 263:

- structural foam molding 1.0 - 2.0%
- sink mark elimination..... 0.5 - 1.0%
- extrusion applications 0.5 - 1.5%
- nucleation of direct-gassed foam0.2 - 0.5%

* The recommended use levels are intended as a guideline. Optimization is necessary for each application because of the differences in equipment. For additional information, please contact EPI or your local EPI agent.

Standard Packaging: 55 lb. bags, 1,000 lb. boxes

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