

Therm-Chek® 710

Stabilizer Product Profile

Product Description

Therm-Chek® 710 is a high efficiency, solvent-free, zinc heat stabilizer/catalyst for use in PVC foams. It is regarded as the most effective foam activator in the industry. The product is recommended for use in PVC plastisol, injection molded, or extruded foams using exothermic blowing agents such as azodicarbamide types.

Typical applications include footwear, seating cushions, marine accessories, and exercise mats. **Therm-Chek® 710** provides excellent early color retention and foam cell structure. This product is recommended for use where the presence of high flashpoint solvents is not desired. As a catalyst, this product substantially reduces the temperature required to activate the blowing agent. **Therm-Chek® 710** performs well in PVC/nitrile rubber foams used in footwear. In plastisols, this product can be used alone or in combination with other Therm-Chek® heat stabilizers. For injection molded applications, **Therm-Chek® 710** must be used in conjunction with other Therm-Chek® stabilizers. Suggestions include Therm-Chek® 120 and Therm-Chek® 144.

In plastisols, this stabilizer provides good air release and good initial and aged viscosity control. **Therm-Chek® 710** is suitable for both standard and low soap dispersion resins. It is effective in low and medium molecular weight suspension resins.

Safety and Handling

Complete toxicity and handling information can be found on the Material Safety Data Sheet, which is available on request.

Typical Properties

Refractive Index @ 25°C	1.4582	Color (Gardner)	1
Specific Gravity	1.1815	Viscosity (Gardner)	Z
Density (lbs./gal.)	9.83	Zinc (%)	23

