

WIN-STAB TM-2080, Methyl Tin Stabilizer

WIN-STAB TM-2080 Heat Stabilizer is a high efficient liquid methyl tin mercaptide designed to stabilize rigid polyvinyl chloride and rigid polyvinyl chloride copolymers used for food packaging. WIN-STAB TM-2080 provides good early color as well as excellent dynamic processing stability. Its good residual stability also allows for the efficient use of regrind. This non-lubricating stabilizer has proven to be 20% to 30% more effective when compared on an equal part basis to octyl tin mercaptide stabilizers in clear rigid PVC bottle and film formulations. WIN-STAB TM-2080 is suitable for food packaging applications as defined by BGVV, FDA, JHPA, EC and other regulatory agencies worldwide.

| Typical Properties | Product Specifications |
|---|---|
| Form.....Clear Liquid | % Tin..... 19.2±0.5 |
| Viscosity, CS, @ 25°C.....50±15 | % Sulfur..... 12.0±0.5 |
| Specific Gravity @ 25°C.....1.175±0.015 | Color (%Transmission @440nm).....80 Minimum |
| | Appearance..... Clear Liquid |

Standard Packages

240 kgs net drums

Application

- Very effective stabilizer for injection molding of pipe fittings and other high quality parts.
- Excellent for calendered and extruded PVC sheet use for food contact applications.
- Approved by FDA, BGVV, and other regulatory agencies for food contact applications.
- Allows for efficient use of regrind.
- Excellent stabilizer for clear rigid PVC and PVC copolymer blow molding formulations.

Handling and Storage

WIN-STAB TM-2080 is a liquid tin mercaptide heat stabilizer and should be handled with normal precautions used in good industrial practices for organic liquids. See Safety Data Sheet for safety and health information. Store in cool, dry area. Indoor storage is recommended. Stainless steel is recommended for piping, valves, and pumps used to handle WIN-STAB TM-2080. No wetted parts of the stabilizer handling and dispensing system should be made from iron, brass, copper, or bronze.