

Therm-Chek® 659

Stabilizer Product Profile

Product Description

Therm-Chek® 659 is a general-purpose liquid calcium-zinc non-toxic heat stabilizer for FDA type flexible or rigid PVC food packaging applications. The product can be used in calendered, extruded blown film and plastisol applications.

Therm-Chek® 659 is moderately lubricating and will require additional lubrication in working formulations. The product offers good heat stability and clarity.

The ingredients of Therm-Chek® 659 are listed under CFR Title 21, parts 178.2010, 181.27, and 184.1.

In plastisols, this stabilizer provides good air release and good initial and aged viscosity control. Therm-Chek 659 is suitable for both standard and low soap dispersion resins. This stabilizer is compatible with epoxidized soybean oil and can be pre-mixed before compounding.

Safety and Handling

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

Typical Properties

Physical state Translucent Yellow Liquid

Density (lbs./gal.) 8.38 Specific Gravity (25°C) 1.01 Viscosity (Gardner) Z-4



The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of this information, the results to be obtained from the use of the product, so that such use will not infringe on any patent This information is furnished with the express condition that you will make your own tests to

