

UV-Chek® AM-340

Stabilizer Product Profile

Product Description

2,4 Di-tert-butylphenyl 3,5-di-tert-butyl-4-hydroxybenzoate. UV-Chek® AM-340 is a synergist/coadditive with other U. V. light stabilizers. It is an effective stabilizer in polypropylene and high-density polyethylene, and is especially effective in pigmented thick section applications. It minimizes color change in weathered crystal polystyrene, and is an effective stabilizer in thin film and fiber applications.

FDA Status: Permitted under FDA Regulation Title 21 CFR, Section 178.2010 for use at levels not to exceed 0.6% by weight in polypropylene and 0.25% in polyethylene that has a density no less than 0.94 gm/cc. There are no limitations on food type for repeated use articles that contact food. Single use articles have some specific limitations. All conditions of use comply with the regulation except high temperature heat sterilized (over 212°C) applications.

Safety and Handling

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

Typical Properties

Appearance	White to cream crystalline powder
Melting Point	193 ^o C minimum
Specific Gravity (25 ^o C)	1.06
Bulk Density	5.8 lb./gal, 0.7 b/cm ³
Odor	None
Formula	C ₂₉ H ₄₂ O ₂
Molecular Weight	438
CAS Registry No.	4221-80-1

