



# Antiox AHM-EC Sticks

## Description

ANTIOX AHM-EC STICKS is a synergistic blend of three non staining antioxidant systems, including primary phenolic stabilizers, a thio-ester for the long term stability and a phosphite, for the high temperature protection. Its physical form allows very low dust formation in handling and good flowing properties. The color of ANTIOX AHM EC STICKS can vary from light to dark yellow.

## Application

This formula is specifically designed for a wide spectrum protection of both hot-melt polymer systems and polymer solutions. It can be used with adhesives, pressure sensitive adhesives, coatings, injection moulding and extrusions.

## Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	Conforming

## Handling

- 1) For HOT-MELT adhesives ANTIOX AHM-EC STICKS is very efficient at the following concentrations :
  - a) Thermoplastic rubbers, like SIS, SBS: 1.2-1.5% on rubber content.
  - b) Ethylene-vinylacetate: 0.3-0.5% on EVA content.
  - c) Thermoplastic polyurethanes: 0.2-0.4% on PU content.
  - d) Polyamides: 0.5-1.0% on PA content.
- 2) For SOLVENT BASED adhesives ANTIOX AHM-EC STICKS is very efficient at the following concentrations :
  - a) Natural rubber, SBR, chloroprene rubber, polyisoprene, butyl rubber: 0.25-0.5% on dry

content.

ANTIOX AHM-EC STICKS can be introduced directly into the compound, together with other recipe ingredients, or predispersed into one of them or dissolved (if it is a solvent). In the hot-melt continuous system (by extrusion process) it is advisable that a liquid component (like liquid rosin esters or naphthalic oil, etc.) is used to give some tack to the surface of granules, in order to achieve an even distribution over the total mass.

## Packaging

The product is supplied in fibre drums (50 kg).

## Storing

Store the product at room temperature, protected from direct sunlight and humidity.

Use within 24 months from production date (unopened and in the original packaging).