Antiox AHM-HTE

(Provisional)

Description

ANTIOX AHM-HTE is a synergistic blend of various antioxidant systems recommend for high temperature applications. Its physical form ensures very low dust formation in handling and good flowing properties. The physical form of the components is primarily (but not completely) dusty in order to facilitate the dissolution / melting of the product.

Application

This formula has been designed to grant a wide spectrum protection either to hot-melt polymer systems or to polymer solutions. It can be used with adhesives, pressure sensitive adhesives, coatings and injection moulding or extrusion polymers.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	99±1

Handling

1. For **HOT-MELT adhesives**, the recommended dosage of **ANTIOX AHM-HTE** is:
   - thermoplastic rubbers, like SIS, SBS: 1.2-1.5% on rubber content;
   - ethylene-vinylacetate polymers: 0.3-0.4% on EVA content;
   - polyamides: 0.5-1.0% on PA content

2. For **SOLVENT BASED adhesives,** the recommended dosage of **ANTIOX AHM-HTE** is:
   - natural rubber, SBR, chloroprene rubber, polyisoprene, butyl rubber: 0.25-0.5% on dry content.

ANTIOX AHM-HTE can be added directly to the compound, together with the other ingredients, or it can be predispersed into one of them, or dissolved in case of solvent based products.

When used in a hot-melt continuos system (extrusion process), we recommend adding a liquid component (such as a liquid rosin ester, naphtenic oil, or similar), to give some tack to the surface of granules. This allows for an equal distribution of the antioxidant over the total mass (volumetric dosing).

Packaging

The product is supplied in plastic bags (20 kg); fibre drums (50 kg).

Storing

ANTIOX AHM-HT must be stored in a dry place to avoid agglomeration.

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

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