Antiox AHM-EC2 PELLETS

(Provisional)

Description

ANTIOX AHM-EC2 PELLETS is a synergistic blend of four non staining antioxidants, including two primary phenolic stabilizers, a thio-ester for the long term stability, and finally a phosphite, for the high temperature protection. Its physical form allows very low dust formation in handling and good flowing properties.

Application

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

Technical Specifications

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

Handling

1) For HOT-MELT adhesives ANTIOX AHM-EC2 PELLETS is very efficient at the following concentrations :
a) Thermoplastic rubbers, like SIS, SBS (e.g. Cariflex, Solprene, etc.): 1.2-1.5% on rubber content.
b) Ethylene-vinylacetate (EVA, type ELVAX, etc.): 0.3-0.5% on EVA content.
c) Thermoplastic polyurethanes (e.g. ESTANE, DESMOCOLL, etc.): 0.2-0.4% on PU content.
d) Polyamides (e.g. Reammide, Versamide, etc.): 0.5-1.0% on PA content.

2) For SOLVENT BASED adhesives ANTIOX AHM-EC PELLETS 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-EC2 PELLETS can be introduced directly into the compound, together with other recipe ingredients, or predispersed into one of them or dissolved (if it is a matter of solvent). In the hot-melt continuos system (by extrusion process) it is advisable that a liquid component (like liquid rosin esters or naphtalic oil, etc.) is used to give some tack to the surface of granules, in order to have a fair distribution over the total mass. In the solvent systems, one can make a solution concentrate (hexane, toluene, etc.), for example at 5 - 10% of solids.

Packaging

The product is supplied in plastic bags (20 kg).

Storing

ANTIOX AHM-EC2 PELLETS must be stored in a dry place to avoid agglomeration.

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

Notes

ANTIOX AHM-EC2 PELLETS, being a blend of four different products, doesn't have a specific melting point.

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Above information is reliable, but does not constitute warranty.

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