

BX ATA 400

Introduction

Chemical Group: Alkyl(C12-C14)bis(2-hydroxyethyl) amine

Synonyms: Cocobis(2-hydroxyethyl) amine

Molecular weight : approx.288

CAS No. : 61791-31-9

Appearance: clear, almost colorless liquid

Flash point(Cleveland open cup,°C) : approx. 193

Equivalent to: Armostat 400

Product Information

BX ATA 400 is vegetable based saturated-alkylbis(2-hydroxyethyl)amine of high purity and low color. It is an internal antistatic additive that can be used in various polymers such as PE, LDPE, PP, SAN, ABS and HIPS. It gives sustained antistatic action and is especially effective in film applications due to its relative fast migration because of its relative short chain.

BX ATA 400 is a liquid at ambient temperatures and can be dosed directly into the polymer by using a single or twin-screw extruder. Pigment or color concentrates should be mixed with the antistatic agent prior to extruding. Premixing ensures uniform distribution of BX ATA 400 in the resin while it acts as dispersion aid to the pigment color concentrate.

Safety

BX ATA 400 is non-toxic, approved for application in food indirect contact packaging materials.

Dosage

Polymer Addition level (%)

PE 0.1-0.3

PP 0.1-0.3

PS 2.0-4.0

SAN 1.0-2.0

ABS 1.5-3.0

HIPS 1.5-2.5

Package

The standard packaging is 180kg net in a steel drum. A full pallet carries 720kg net. The packaging meets international regulations.

Storage

It is recommended to stored the product in a dry place at 25°C max, avoid direct sunlight and rain, upending is forbidden. Prolonged storage over 60°C can cause some discoloration. Should remain within the specification limits at least one year after production, provided it is properly stored.