

Dongguan Baoxu Chemical Technology.,ltd.
P:+86-0769-22821082 Fax:0769-22821083
Email:info@additivesforpolymer.com Web:www.additivesforpolymer.com
8th Chenwu East Road, Houjie Town, Dongguan City, Guangdong Province, China

BX ATA 1800

Introduction

Chemical Group: Alkyl(C16-C18)bis(2-hydroxyethyl) amine

Synonyms: Steary bis(2-hydroxyethyl) amine

Molecular weight : approx.352

CAS No. : 10213-78-2

Appearance off-white waxy solid

Flash point(Cleveland open cup,°C) : approx. 200

Equivalent to: Armostat 1800

Product Information

BX ATA 1800 is vegetable based saturated alkyl(C16~C18) bis(2-hydroxyethyl) amine. It is an internal antistatic additive that can be used in various polymers such as PE, LLDPE, PP, SAN and ABS. it gives sustained antistatic action and shows excellent thermal stability due to its saturated alkyl chain. This makes it especially suitable for those applications needing higher processing temperatures.

it is a solid at ambient temperatures. When heated at 60-65°C, the product can be dosed as a liquid 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 it in the resin while it acts as a dispersion aid to the pigment color concentrate. After being mixed into the polymer it continuously migrates to the surface of the finished product where it provides excellent antistatic performance. it is especially well suitable for those applications needing high processing temperatures.

Safety

BX ATA 1800 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

LLDPE 0.1-0.3

ABS 1.5-3.0

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.