

Antistatic Agent (Astat 300)

Product Description

Astat 300 is an antistatic additive used in polyolefin such as PE, LDPE, PP, PS, ABS, etc. It gives a sustained antistatic performance especially on plastic film applications. The product is in paste form in room temperature, but when heated at 40~45C, it is in liquid form ready to be used directly with the polymer in a single or twin-screw extruder.

Chemical Description

Tallow bis (2-hydroxyethyl) amine / (Tertiary amine, one tallow alkyl group and two oxyethylene groups – total of 2 moles E.O.). CAS#: 61791-44-4

Physical Properties

Appearance (25°C)	Liquid to paste
Type	Nonionic
Tert. Amine	97 % min
Color	<8 (Gardner No.)
pH (1/5 aq.)	Ca. 9-10
Clear Point	32°C
Density	0.9 g/cm ³
Solubility in Water	Practically insoluble
Moisture	0.5 % max
Flash Point	210°C

Dosage Level

0.1 ~ 0.3% is the suggested dosage for the following polymers:

PE / PP / LDPE / HDPE / LLDPE

Packing & Storage

180KG Metal Drums / 720KG per Pallet

Shelf Life is above 1 year under cool dry well-ventilated place at 25°C

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.