

Antistatic Agent ASTAT 300

Version 2026-10-22b · Revision 2026-10-22

CAS No.	61791-44-4	Chemical Group	Tallow bis (2-hydroxyethyl) amine
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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

Dosage Level

0.1 ~ 0.3% is the suggested dosage for the following polymers: PE / PP / LDPE / HDPE / LLDPE

Physical Data

Density (g/cm ³)	0.9
Form of supply	Liquid to Paste @ 25°C
Moisture	0.5 Max.
pH value	Ca. 9-10 (1/5 aq.)
Colour, Gardner scale (Gardner)	≤8
Content	>97% Tertiary Amine
Flash point (°C)	210
Clear point (°C)	32
Water solubility	Practically Insoluble
Type	Nonionic

Packaging, Shipping & Storage

Antistatic Agent ASTAT 300 is supplied as liquid to paste @ 25°C. The product is packed in 180 kg metal drum and shipped on pallets of 680 kg. Store in a cool, dry, well-ventilated place at 25°C. Shelf life: Above 1 year in a 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.