



Product Data Sheet Performance Additives

Additives

Hostastat® HS 1 FF

Edition Date January 15, 2015 Edition Number 7

Antistatic agent for plastic materials

Product Description

Hostastat HS 1 FF is an alkane sulfonate which provides highly effective antistatic properties to thermoplastic polymers.

Benefits

- Hostastat HS 1 FF is an antistatic agent mainly used in engineering plastics and PVC
- It exhibits an outstanding efficiency and provides long term antistatic effect

Physical Properties

Hostastat HS 1 FF has a good solubility in water.

Melting Point	ca. 220 °C (396 °F)
Alkane sulfonate	≥ 90 %
Sodium sulfonate	ca. 5 %

Applications

Hostastat HS 1 FF is incorporated into plastics to reduce the negative effects of electrostatic charge accumulation such as dust attraction, static discharge and splashing of printing inks. During the processing of thermoplastics, Hostastat HS 1 FF acts as a flow promoting lubricant and release agent.

Hostastat HS 1 FF is preferably used as an internal antistatic agent for polar plastics, such as PVC and styrenics. Where incorporation into the polymer is not possible, it can be applied externally to the surface of the finished article by spraying or dipping. Therefore it is normally used in the form of a 1 % aqueous solution in conjunction with 0,1 % of a suitable surface-acting alcohol, such as Mowiol® 10 – 74.

Packaging and Handling

Delivery form

FF (free flowing)

The product is also available in other physical form.

Packaging

Polyethylene bag 20 kg

Pallet 1000 kg (50 bags)

Storage

Minimum shelf life is 2 years from the date of shipping when properly stored.

Partially emptied containers should be carefully resealed immediately after use.

Protect from moisture.

The product should be stored dry and at room temperatures and processed immediately after opening the packaging.

Safety and MSDS

Hazards

Information about classification according to CLP regulation (Regulation (EC) No. 1272/2008, as amended).

Symbol harmful (Xn)

R22

R38

R41

For further information please refer to the Material Safety Data Sheet.

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