TECHNICAL INFORMATION

SOLUTIONS FOR THE PLASTIC INDUSTRY

NEWOS

NEWOSTAT® 606

Product Category: Antistat for plastics

Fields of Application:
Internal antistat for polar plastics like
- PVC (rigid and plasticized)
- PU, TPU, TPE
- aqueous dispersions of plastics (PU, acrylics, latex etc...)

Product Characteristics:
- nonionic/anionic combination
- miscible with water and alcohols
- universally applicable for many plastics
- free of solvents, suitable for low-VOC applications

Chemical Composition: Mixture containing alkylsulfonates, polyglycols and fatty acid esters

Technical Data:

Appearance (20 °C):	white - yellowish, viscous liquid
Active content:	100%
Flash point:	>180 °C
Boiling range :	>200°C
Solidification range:	< 5°C
Compatibility:	with many polar plastics (see above) within the recommended concentration range

Storage:

Shelf life:	in originally sealed drums, approximately one year from the date of delivery under the conditions recommended below
Storage Conditions:	Recommended storage temperature: min +3°C, max +40 °C Protect from moisture Frost resistant

Packaging: drum / IBC

Use concentration: Approx. 1 to 4%, referring to the weight of the final product (in dispersions referring to the solid content).

We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when more than the recommended highest use concentration is exceeded!

NEWOS GmbH, Breslauer Weg 31, 82538 Geretsried, Germany
Tel. +49 8171 9 97 39 33, Fax +49 8171 9 97 39 43, Email: info@newos-gmbh.com, Web: www.newos.eu

SOLUTIONS FOR THE PLASTIC INDUSTRY

NEWOS

NEWOSTAT® 606

Application:

Being liquid, NEWOSTAT® 606 can be premixed with other liquid components of the formulation (like plasticizers in PVC processing). It is simply stirred into the liquids before adding the solid components of the formulation.

In aqueous dispersions it can be stirred directly into the ready-mixed dispersion. Some aqueous formulations may require low speed mixing in order to reduce foaming as much as possible.

Further Information:

Before larger quantities are processed in production, a lab test series should be carried out in any case to check the suitability of NEWOSTAT® 606 for the intended application and to determine the optimum dosage.

Overdosage does not improve the antistatic effect and might cause undesirable side effects like a discolouration of the final product or exudation of antistat onto the surface.

In PVC pastes, NEWOSTAT® 606 accelerates the deaeration (faster release of incorporated air bubbles). Therefore, the application in PVC foam should be tested very carefully.

An opposite effect is found in aqueous plastic dispersions, when NEWOSTAT® 606 is added. In this case the tendency of foaming is usually increased to a certain extend and must eventually be compensated by adding more defoamer.

NEWOS GmbH, Breslauer Weg 31, 82538 Geretsried, Germany
Tel. +49 8171 9 97 39 33, Fax +49 8171 9 97 39 43, Email: info@newos-gmbh.com, Web: www.newos.eu