

TECHNICAL INFORMATION

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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:	<ul style="list-style-type: none">➤ nonionic/anionic combination➤ miscible with water and alcohols➤ universally applicable for many plastics
Chemical Composition:	Preparation containing alkylsulfonates, polyglycols and fatty acid esters
Technical Data:	Appearance (20 °C): white - yellowish, viscous liquid Active content: 100% Flash point: >100 °C Boiling range : >200°C Solidification range: < 5°C Compatibility: with 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 4% are added.

NEWOSTAT[®] 606

Application:

NEWOSTAT[®] 606 is a liquid product and 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 production, lab test series should be carried out to check the suitability of NEWOSTAT[®] 606 for the intended application and to determine the optimum dosage.

An overdosage does not improve the antistatic effect and might cause undesirable side effects like a discolouration of the final product or an 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 equalized by adding a little more defoamer.

The data in this technical information are derived from practical experience. They do not guarantee specific product properties or the suitability of the product for particular applications. Lab or pilot tests should be carried out in any case. Due to many different possible process conditions we cannot assume any liability. Any existing industrial patent rights have to be respected. Additional information on product properties pertaining to working safety as well as environmental protection can be found in the material safety data sheet.