SOLUTIONS FOR THE PLASTIC INDUSTRY

NEWOS

NEWOSTAT® 610S

Product Category:	Antistat for plastics
Fields of Application:	Solid, internal antistat for plastics like PVC (rigid and plasticized), PU, PS, ABS and aqueous dispersions of plastics (PU, acrylics, latex etc...)
Product Characteristics:	➢ solid, 100% active content ➢ anionic ➢ water-soluble ➢ good efficiency at low concentration
Chemical Composition:	Mixture of alkylsulfonates

Technical Data:

Appearance (20 °C):	white - yellowish flakes
Active content:	100%
Melting range:	approx. 140 °C
Boiling range :	>250°C
Solidification range:	< 5°C
Compatibility:	with the a.m. plastics within the recommended concentration range

Storage:

Shelf life:	in originally sealed packages, 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: plastic/paper bags, drums

Use concentration: Approx. 0.5 to 3%, referring to the weight of the final product (in dispersions referring to the solid content).

We recommend to carry out own lab tests in any case to determine the optimum dosage, especially when the highest recommended use concentration is exceeded!

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Application:

NEWOSTAT® 610S is added to the plastic material prior to processing. It reduces the electrostatic charge of the final products. Being an internal antistat, NEWOSTAT® 610S lowers the surface resistance as well as the volume resistance of plastic material.

Further Information:

The use of NEWOSTAT® 610S in transparent plastics can cause opacity which increases with higher addition levels.

Before production, lab test series should be carried out to make sure whether NEWOSTAT® 610S is suitable for the intended application and to determine its optimum dosage.

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

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