

TECHNICAL INFORMATION

Revision: 0
Date: 07.09.2011
Page: 1/2

NEWOTEC[®] 520

Product Category:	Mechanical foam stabilizer for PVC plastisols
Fields of Application:	PVC plastisols intended for mechanical foaming
Product Characteristics:	<ul style="list-style-type: none">➤ optimized for low emission➤ free of APEO and phthalates
Chemical Composition:	Salt of alkylbenzenesulfonic acid in organic carrier liquids
Technical Data:	Appearance (20 °C): yellowish liquid (may have precipitations) Flash point: >100 °C Boiling range: >200 °C Solidification range: < 0°C Compatibility: compatible with all commonly used PVC plastisol formulations 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:	Recommended concentration range: lowest: 2 phr highest: 4 phr

We strongly recommend to carry out own lab tests in order to determine the optimum dosage, especially when more than 4 phr are added.

NEWOTEC[®] 520

Application:

NEWOTEC[®] 520 stabilizes mechanically foamed PVC plastisols and prevents the foam cells from coarsening and collapsing. It can be added at any stage of the preparation of the plastisol. However, it is recommended to add NEWOTEC[®] 520 as the last component in order to prevent the plastisol from foaming too much during preparation.

Further Information:

NEWOTEC[®] 520 does not significantly affect the heat stability of common PVC plastisol formulations.

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.