

## Technical Data Sheet

### STRUKTOL® AW 1

Antistatic plasticiser for light-coloured NBR, SBR and NR compounds

#### Composition

Synthetic ester plasticiser

#### Properties

Appearance		Colourless to slightly yellowish liquid
Density	[kg/m <sup>3</sup> ]	1080
Dyn. viscosity at 20 °C	[mPa·s]	140
Pour point	[°C]	15
Evaporation loss (2 h/160 °C)	[%]	5
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		200 kg drums

#### Solubility

STRUKTOL® AW 1 is incompatible with aliphatic hydrocarbons, oils and greases.



## Recommendations for Application

STRUKTOL® AW 1 is an antistatic plasticiser for mineral-filled NBR-, SBR- and NR-compounds. A surface resistance as low as  $1 \times 10^6$  ohm can be achieved for NBR-based vulcanizates.

Partial crystallization and viscosity increase may occur at low temperatures, but should be eliminated by briefly heating to approx. 60 °C and subsequent stirring.

Long-term exposure to light should be avoided.

## Dosage

5 – 20 phr



**Disclaimer:**

This publication is not a specification and does not contain any instruction manual or operating guidelines. It is provided for information purposes only and without any responsibility. Schill + Seilacher "Struktol" makes no representations about the accuracy, reliability or completeness of the information in this publication. We reserve the right to revise our not specified products and the information at any time without notice. The information in this publication is based on the present state of our knowledge and experience and serves the general description of our products and their possible applications. Our technical advice and recommendations, whether verbal, in writing or by way of trials, do not absolve the recipient, on account of the many outside influences which may affect the product use and application, from their own testing and trials. A legally binding assurance based on the information contained herein regarding particular properties or the suitability for definite customer applications cannot be derived from our information.

In accordance with the provisions of our General Terms and Conditions of Sale and Delivery, which can be accessed under [www.struktol.de](http://www.struktol.de), Schill+Seilacher "Struktol" excludes liability for slightly negligent breaches of obligations arising from the use of the information contained in this publication, provided that they do not relate to damage from injury to life, limb or health or guarantees or claims under the Product Liability Act are affected. Furthermore, the liability for the breach of obligations, the fulfilment of which is essential for the proper execution of the contract and on the observance of which the customer may regularly rely, remains unaffected. The same applies to breaches of duty by our agents.

This technical datasheet is created automatically and is valid without signature.

