

**Schill+Seilacher**

Technical Data Sheet

**STRUKTOL® AW 1**

Synthetic Ester Plasticizer

**Struktol Company  
of America, LLC**

201 E. Steels Corners Road

P.O. Box 1649 • Stow, Ohio 44224-0649 USA

(330) 928-5188 • (800) 327-8649

www.struktol.com • customerservice@struktol.com

**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
Packing		200 kg drums
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months under normal storage Conditions

**Solubility**

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

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.

**Bank:** Commerzbank AG, Hamburg, BIC: COBA DE FFXXX**IBAN:** DE07 2004 0000 0613 1254 00**Bank:** DZ Bank, Hamburg, BIC: GENO DE FF200**IBAN:** DE74 2006 0000 0000 1461 68**Bank:** Commerzbank AG, Hamburg, BIC DRES DE FF200**IBAN:** DE45 2008 0000 0275 0570 00**Bank:** Svenska Handelsbanken AB (publ), Frankfurt, BIC HAND DE FFXXX**IBAN:** DE31 5142 0600 0012 4460 01**Sitz der Gesellschaft:**

Hamburg

**Registergericht:**

Handelsregister Hamburg

HRB 112163

**ID-Nr.** DE 813088647**Steuer-Nr.** 46/757/00201**Gesellschaft mit  
beschränkter Haftung****Hausanschrift/Address:**

Moorfleeter Straße 28

22113 Hamburg

**Postfach:** 74 07 60

22097 Hamburg, Germany

**Geschäftsführer:**

Dr. Rüdiger Ackermann

**Telefon:****Fax:****Verkauf:****Einkauf:****Zentrale:****Geschäftsleitung:****E-Mail:****Internet:**

4.19-1-01-01-(5)

+ 49 40 733 62-0

+ 49 40 733 62-194

+ 49 40 733 62-39222

+ 49 40 733 62-194

+ 49 40 733 62-124

info@struktol.de

www.struktol.de

**Schill+Seilacher**

### Recommendations for Application

STRUKTOL® AW 1 is a special purpose synthetic plasticizer mainly used in compounds based on nitrile rubber. The decreased compound viscosity facilitates further processing.

STRUKTOL® AW 1 is an antistatic plasticizer for mineral filled NBR-, SBR-, and NR-compounds. A surface resistance as low as  $1 \times 10^6$  Ohms 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 ca. 60 °C and subsequent stirring. Long-term exposure to light should be avoided.

### Dosage:

5 – 20 phr

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

This new leaflet replaces all previously printed documentation.

Alterations reserved. 07/2018

Schill + Seilacher "Struktol" GmbH Moorfleeter Straße 28 22113 Hamburg Germany  
Phone: +49 40 73362-0 Fax: +49 40 73362-194 E-Mail: info@struktol.de