

## Technical Data Sheet

### STRUKTOL® KW 460

Synthetic Ester Plasticizer

#### Properties

Appearance		Light yellow liquid
Density	[kg/m <sup>3</sup> ]	980
Dyn. viscosity at 20 °C	[mPas]	23.5
Pour point	[°C]	- 60
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		200 kg drums

#### Solubility

STRUKTOL® KW 460 is easily soluble in aliphatic and aromatic hydrocarbons.



## Recommendations for Application

STRUKTOL® KW 460 is a special purpose synthetic plasticiser mainly used in compounds based on nitrile rubber. The decreased compound viscosity facilitates further processing.

STRUKTOL® KW 460 is a low temperature plasticiser especially suited for nitrile rubbercompounds.

Furthermore, STRUKTOL® KW 460 improves the cold flexibility of NBR/PVC polyblends, polychloroprene rubber, chlorosulphonated polyethylene, epichlorohydrin rubber and chlorinated polyethylene.

STRUKTOL® KW 460 can additionally be used as a secondary plasticiser in PVC to improve low temperature performance.

## Dosage

Depending upon compound composition and specification: 5 - 50 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.

