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Technical Data Sheet

STRUKTOL® KW 550

Synthetic Ester Plasticizer

Properties

Appearance		light yellow to light brown liquid
Density	[kg/m ³]	1000
Kin. Viscosity at 20 °C	[mm ² /s]	145
Pour point	[°C]	-50
Evaporation loss (2 h/160 °C)	[%]	0.5
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months under normal storage conditions
Packing		200 kg drums

Solubility

STRUKTOL KW 550 is easily soluble in aliphatic and aromatic hydrocarbons.

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

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Recommendations for Application

STRUKTOL KW 550 is a synthetic plasticizer mainly used in compounds based on special elastomers such as NBR, HNBR and CR.

STRUKTOL KW 550 reduces compound viscosity and facilitates processing.

STRUKTOL KW 550 improves the low temperature flexibility and does not affect the heat-resistance of rubber articles.

Dosage

Depending upon compound composition and specification: 5 – 50 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.

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