

**Schill+Seilacher**

Technical Data Sheet

STRUKTOL® TS 35

Tackifier and Softener

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Aliphatic-aromatic soft resin 100 %

Properties

Appearance		clear, viscous substance
Density	[kg/m ³]	1074
Physiological behaviour		refer to safety data sheet
Storage stability		at least 24 months under normal storage conditions
Packing		200 kg drums

STRUKTOL® TS 35 is soluble in aromatic and chlorinated hydrocarbons, while there is only limited solubility in aliphatic hydrocarbons and mineral oils.

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 FFXX
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
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Gesellschaft mit beschränkter Haftung

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Recommendations of Application

STRUKTOL® TS 35 is a resinous plasticizer which significantly increases the low green tack of synthetic rubber compounds, while the storage stability and cure rate of those compounds are not influenced.

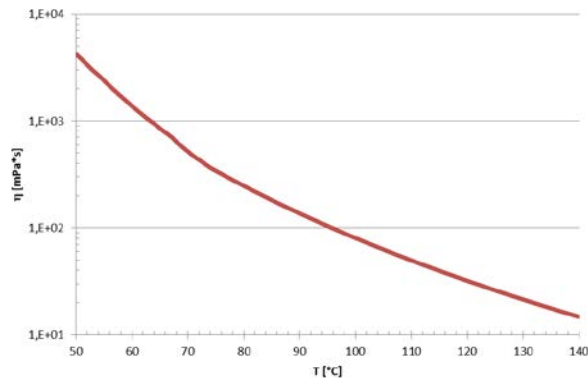
The processability of compounds is improved by the addition of STRUKTOL® TS 35. Furthermore, a good dispersion of carbon black and mineral fillers is achieved.

The physical properties vary only within the generally accepted rate for plasticizers. The low temperature flexibility is not influenced by STRUKTOL® TS 35 compared to most other synthetic plasticizers.

Having a good resistance to extractability by aliphatic hydrocarbons and mineral oils STRUKTOL® TS 35 is recommended for oil-resistant compounds.

STRUKTOL® TS 35 can be used for rubber articles in contact with food according to and Recommendation XXI 2.1.3.1.2.4 BgVV (BGA). The max. dosage is 5 %.

Viscosity Information for STRUKTOL TS 35



STRUKTOL TS 35

Temperature [°C]	Viscosity [mPa*s]
50	4200
60	1400
70	500
80	250
90	150
100	80
110	50
120	30
130	20
140	15

Dosage

STRUKTOL TS 35

3 - 15 phr.

STRUKTOL TS 35-DL

5 - 25 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

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