

**Schill+Seilacher**

Technical Data Sheet

**STRUKTOL® LA 455**

Antioxidant dispersion for latex

**Composition**

Aqueous dispersion of hindered polyphenols

**Properties**

Appearance		whitish liquid
Solid content	[%]	45
Density	[kg/m <sup>3</sup> ]	1000
pH-value		9.5
Physiological behaviour		refer to safety data sheet
Storage stability		at least 12 months if stored properly. The product has to be thoroughly stirred before application. Storage and transport temperature should be at least 6 °C.
Packaging		900 kg container 200 kg drum 25 kg Kanister

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® LA 455 is an anionically stabilized dispersion of non-discolouring antioxidants which have a very low volatility and very good colour stability. Neither organic solvents nor organotin substances are used during the manufacturing process of STRUKTOL® LA 455.

The substitution of CMR substances and the elimination of hazardous substances were the main reasons for the development of STRUKTOL® LA 455.

Due to the small particle size, which in turn leads to a high activity, STRUKTOL® LA 455 is recommended for the improvement of aging behavior of latex articles based on NR, IR, SBR, XSBR, CR or ABS.

The formation of small amounts of solid particles in the dispersion is due to the manufacturing process and cannot be avoided. It is therefore recommended to filter the product before use.

STRUKTOL® LA 455 complies as follows:

- **21 CFR §175.105 (FDA)**
- **21 CFR §177.2600 (FDA)** up to a quantity of **2%** (based on polymer)
- **BfR XXI** up to a quantity of **1%\***

## Dosierung

0.75 – 2.5 phr

\* (contains substance with migration limit according to EU Regulation 10/2011)

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.

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