

**Schill+Seilacher**

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Technical Data Sheet

STRUKTOL® WS 280

Processing Additive based on Organosilicones

Composition

Condensation product of special fatty acid derivatives and silicones (75 %) on inorganic carrier (25%).

Properties

Appearance		crumbly powder
Density	[kg/m ³]	1200
Bulk density	[kg/m ³]	470
Physiological behaviour		refer to safety data sheet
Storage stability conditions		at least 18 months under normal storage
Packing		20 kg bags

STRUKTOL®WS 280 is also available with 100 % active ingredient as STRUKTOL®WS 280 Paste.

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
 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
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Recommendations for Application

STRUKTOL® WS 280 is a new concept in processing additives based on organosilicones which in many applications shows superior performance compared to conventional products. This new organosilicone is highly compatible with rubber compounds. This enables utilization of the highly efficient lubrication effects of silicone without exudation or bloom. Limited compatibility can occasionally be observed with compounds having a low filler content and/or a very high cross-link density.

In a unique way it improves flow properties and release behaviour in the processing of rubber as well as mould release of vulcanizates.

STRUKTOL® WS 280 has extremely low volatility at high temperatures and is particularly suitable for FPM compounds. It gives excellent release properties on mixing machinery, exceptionally good flow properties and reduces mould fouling. STRUKTOL® WS 280 gives not only better extrusion properties, but is excellent also for injection moulding.

Dosage

0.5 - 2 phr

It should be noted that, compared to usual processing additives, the same results can be achieved with lower dosages.

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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