

**Schill + Seilacher**

Technical Data Sheet

**STRUKTOL® WS 280 PASTE**

Processing Additive based on Organosilicones

**Composition**

Condensation product of special fatty acid derivatives and silicones

**Properties**

Appearance		beige paste
Density	[kg/m <sup>3</sup> ]	1000
Acid value	[mg KOH/g]	max. 5
Physiological behaviour		refer to safety data sheet
Storage stability		at least 18 months under normal storage conditions
Packing		25 kg hobbocks

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 WS 280 PASTE is a new concept in processing additives based on organosilicones which in many applications show superior performance compared to conventional products. These new organosilicones are highly compatible with rubber compounds. This enables utilization of the highly efficient lubrication effects of silicone without exsudation 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 STRUKTOL WS 280 PASTE improves flow properties and release behaviour in the processing of rubber as well as mould release of vulcanizates.

STRUKTOL WS 280 PASTE has an 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 PASTE gives not only better extrusion properties, but is excellent also for injection moulding.

## **Dosage**

0.5 – 1.5 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.  
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