



## Technical Data Sheet



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## 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	[mgKOH/g]	Max. 5
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 18 months under normal storage conditions
Packaging		25 kg hobbocks





## Recommendations for Application

STRUKTOL® WS 280 PASTE is a processing additive based on organosilicones which in many applications shows superior performance compared to conventional products. It is highly compatible with rubber compounds. This enables utilisation of the highly efficient lubrication effects of silicone without exudation or bloom. Limited compatibility may 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 vulcanisates.

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.



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