

## Technical Data Sheet

### STRUKTOL® HT 276

Rubber Processing Additive

#### Composition

Blend of fatty acid zinc soaps of predominantly aliphatic nature

#### Properties

Appearance		Beige pastilles
Density	[kg/m <sup>3</sup> ]	1100
Bulk density	[kg/m <sup>3</sup> ]	700
Dropping point	[°C]	100
Ash content	[%]	16
Physiological behaviour		Refer to safety data sheet
Storage stability		At least 24 months under normal storage conditions
Packaging		20 kg bags





## Recommendations for Application

STRUKTOL® HT 276 was developed specifically for use in compounds containing high loadings of fillers, especially where more reinforcing carbon black grades or high surface area silicas are involved.

STRUKTOL® HT 276 reduces compound viscosity and enhances flow property, leading to improved processability, for example during extrusion.

In silica compounds STRUKTOL® HT 276 reduces the degree of filler-to-filler re-agglomeration, known as storage hardening, thereby stabilising the level of viscosity.

STRUKTOL® HT 276 enhances scorch safety of both silica and carbon black compounds and is effective for use both in natural rubber and in synthetic rubber, e.g. SBR, SSBR and BR blends as are frequently used in tread compounds.

The use of STRUKTOL® HT 276 leads to improved physical properties, in contrast to many lubricants which may cause a softening effect, STRUKTOL® HT 276 results in an increased state of cure.

Reversion resistance can be improved by use of STRUKTOL® HT 276 and dynamic properties such as heat build up on flexing are lowered by the use of this product.

## Dosage

2 - 4 phr



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