



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] SCA 985

COUPLING AGENT

COMPOSITION

A bi-functional disulfide organosilane for the rubber industry.

TYPICAL PROPERTIES	SCA 985	SCA 985 CB	SCA 985 PL
Appearance	Yellow liquid	Black pearls	Pale orange pastille
Flash Point, COC (°C)	>93	>100	NA
SCA 985 Content (%)	100	50	50
Sulfur Content (%)	15.2 ± 2.0	7.5 ± 1.0	7.5 ± 1.0
Solubility	Soluble in all common organic solvents. Insoluble in water.	NA	NA
Specific Gravity (g/cm ³)	1.04	1.156	.991
Storage Stability	2 years at room temperature in original sealed container.	1 year at room temperature in original sealed container.	9 months at room temperature in original sealed container
Packaging	55 lb drum 440 lb drum	55 lb box	50 lb PE bag

RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL[®] SCA 985 is used to improve the reinforcing capability of fillers with silanol groups on their surface (e.g., silicas, silicates, clays, etc.). STRUKTOL[®] SCA 985 offers improved scorch safety during mixing due to its disulfide composition.

The pastille (PL) form offers ease of incorporation when mill mixing is required.

DOSAGE

Suggested dosage per 100 parts of filler:

For silica:	3 - 13 parts	6 - 26 parts	6 - 26 parts
For clay and talc:	0.5 - 1 parts	1 - 2 parts	1 - 2 parts

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