



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] SCA 989

COUPLING AGENT

COMPOSITION

Mercaptopropyltriethoxysilane

TYPICAL PROPERTIES	SCA 989	SCA 989 WT
Appearance	Colorless liquid	Light gray powder
Alcohol Content (%)	≤ 1.0	< 1.0
SCA 989 Content (%)	≥ 95	68 - 72
Specific Gravity (g/cm³)	1.00	1.20
Storage Stability	At least two years under normal storage conditions	At least 6 months at room temperature in original sealed container
Packaging	55 lb pail 440 lb drum 2200 lb tote	200 lb drum

RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL[®] SCA 989 is used to improve the reinforcing capability of fillers with silanol groups on their surface (e.g., silicas, silicates, clays, etc.). STRUKTOL[®] SCA 989 can improve tensile strength, tear strength and abrasion resistance and reduce compression set of vulcanizates.

DOSAGE

Suggested dosage per 100 parts of filler:	<u>SCA 989</u>	<u>SCA 989 WT</u>
For silica:	2.0 – 8.0 parts	3.0 – 11.0 parts
For clay and talc:	0.5 – 1.0 parts	0.7 – 1.4 parts

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