



Struktol Company of America

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TECHNICAL DATA

STRUKTOL[®] SCA 984 **COUPLING AGENT**

COMPOSITION

A bifunctional silane for the rubber industry.

TYPICAL PROPERTIES	SCA 984	SCA 984PL
Appearance	Amber-colored liquid	Off white to beige pastilles
Flash Point, COC (°C)	125	N/A
Molecular Weight	263.43	N/A
SCA 984 Concentration (%)	100	50
Sulfur Content (%)	11 – 13	5.5 – 6.5
Solubility	Soluble in all common organic solvents. Insoluble in water.	N/A
Specific Gravity (g/cm ³)	1.03	1.00
Storage Stability	At least 2 years at room temperature in original sealed container	9 months at room temperature in original sealed container
Packaging	55# pail 440# drum 2,200# tote	50# bag

RECOMMENDATIONS FOR APPLICATIONS

STRUKTOL[®] SCA 984 and SCA 984PL are used to improve the reinforcing properties of fillers containing hydroxyl groups in all unsaturated polymers with double bonds or their blends. Silicas, silicates, clays, and whiting together with NR, IR, SBR, BR, NBR, and EPDM are suitable for use with STRUKTOL[®] SCA 984 and SCA 984PL.

DOSAGE

Suggested dosage per 100 parts of filler:

- For silica 3.0 – 13.0 parts
- For clay and talc 0.5 – 1.0 parts

(12/17/10)ZB/rca

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