



# **STRUKTOL<sup>®</sup> SCA 1100**

## **COUPLING AGENT**

### **COMPOSITION**

A bifunctional silane coupling agent.

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### **TYPICAL PROPERTIES**

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Appearance	Colorless liquid
Flash Point, COC (°C)	>100
Molecular Weight	221.33
3-aminopropyltriethoxysilane Content (%)	98
Solubility	Soluble in water (with reaction), alcohol, aromatic and aliphatic hydrocarbons.
Specific Gravity (g/cm <sup>3</sup> )	0.946
Storage Stability	At least 2 years under normal storage conditions
Packaging	40 lb. pail or 440 lb. drum

### **RECOMMENDATIONS FOR APPLICATIONS**

STRUKTOL<sup>®</sup> SCA 1100 is 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 whittings together with NR, IR, SBR, BR, NBR, and EPDM are suitable for use with STRUKTOL<sup>®</sup> SCA 1100.

### **DOSAGE**

Suggested dosage per 100 parts of filler:

For silica . . . . . 3.0 – 13.0 parts

For clay and talc . . . . . 0.5 - 1.0 parts