



STRUKTOL[®] SCA 985

COUPLING AGENT

COMPOSITION

A bi-functional disulfide organosilane for the rubber industry.

| PROPERTIES | TYPICAL VALUES | | |
|---------------------------------------|--|--|---|
| Product | 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 | 2,200 lb tote | 55 lb box | 50 lb PE bag |

RECOMMENDATIONS FOR APPLICATION

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 |