

## Mixslab<sup>®</sup> S80

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.

Classification: Sulfur Dispersion

Specification Properties	Value
Mooney Viscosity, (1+4) @50°C	30-70
Sulfur Content, %	77.5-81.5
Typical Properties	Value
Density, g/cm <sup>3</sup> @20°C	1.62
Physical Form	Yellow Slabs

### > APPLICATIONS

**Uses:** Used for bright-colored, soft compounds that have to be free of sulfur stains and rubber articles which have to withstand dynamic stress.

Mixslab<sup>®</sup> S-80 is a curing agent for all natural and synthetic rubbers, requiring a quick incorporation in the mix and an excellent dispersion of the sulphur. Due to the homogeneous dispersion in the rubber, the occurrence of localized over cured zones is avoided. This is insuring an improved resistance against aging and dynamic fatigue. The good dispersion of sulfur is of particular advantage in soft compounds, where a complete distribution of the sulfur is often difficult to achieve.

### > DOSAGE

The dosage is the same as with non-elastomer-bound sulfur. A higher dosage according to the sulfur content is, due to the better dispersion, usually not necessary.

### > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) boxes.

**Shelf Life:** 2 years from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packaging in a cool, dry area.

**Specification Date:** December 20, 2013 (Supersedes September 5, 2013)