

Mixslab[®] TBBS 80

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.

Classification: Sulfenamides Dispersion

Specification Properties	Value
Mooney Viscosity, (1+4) @50°C	30-70
Sulfur Content, %	20-24
Typical Properties	Value
Density, g/cm ³ @20°C	1.17
Physical Form	Beige Slabs

> APPLICATIONS

Uses: Used for treads, air hoses, conveyor belts, footwear and other rubber articles.

The curing accelerator Mixslab[®] TBBS-80 provides a considerably long scorch time, great processing safety and a fast-full cure. Mixslab[®] TBBS-80 is used as a sole accelerator for the low sulfur vulcanization or in combination with dithiocarbamate or thiuram accelerators. The vulcanizates obtained have good aging resistance and good moduli. The curing rate of mixes containing Mixslab[®] TBBS-80 in combination with thiuram and Dithiocarbamate is noticeably reduced. Thiourea has a strong secondary acceleration effect on Mixslab[®] TBBS-80, mainly in mixes containing little sulfur. In compounds which are accelerated with mercaptanes and thiurams. Mixslab[®] TBBS-80 may delay scorch.

> DOSAGE

NR:

Primary: 0.5 - 1.0 phr with 2.5-3.5 phr sulfur S-80.

Secondary: 0.5 phr with 1.5-3.5 phr sulfur S-80 and 0.3 phr mercapto or thiuram accelerator.

SBR: 1.0 - 1.4 phr with 1.5 - 2.5 sulfur and 0 - 0.2 phr thiuram accelerator.

> 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)