

SA 590 Veg-based Flake

Manufacturer: Sovereign Chemical Company

Classification: Vegetable based rubber grade stearic acid, activator and process aid

Chemical Composition: Octadecanoic acid

Specification Properties	Value	Test Method
Acid Number	185 minimum	AOCS Te 1a-64
Color, % Trans. 440 nm	90 minimum	AOCS Td 2a-64
Color, % Trans. 550 nm	98 minimum	AOCS Td 2a-64
Iodine Number	5 maximum	AOCS Tg 1a-64
Titer, °C	54-62	AOCS Tr 1a-64
Typical Properties	Value	Test Method
Physical Form	Off white flakes	Visual
SAP Value	200 minimum	AOCS TI 1a-64
Specific Gravity	0.84	Typical

> APPLICATIONS

Uses: SA 590 is used in rubber compounding as an activator and process aid. It is also used in esters for various lubricant applications as metalworking and textile lubricants, and in the preparation of soaps, emulsifiers and metallic stearates.

Cure Effect: Activates sulfur cure systems.

> PACKAGING AND STORAGE

Packaging: 50lb. bags

Shelf Life: 3 years from date of manufacture if stored as indicated below.

Storage: Store in original packaging at temperatures below 52°C (125°F).

Specification Date: January 2, 2026 (Supersedes June 1, 2020)