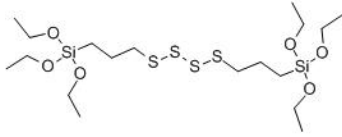


ACTMIX Si69-50GE F200

Rubber Coupling Agent Si69

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Bis[3-(triethoxysilyl)propyl] tetrasulfide

C₁₈H₄₂O₆S₄Si₂

M.W.: 538.95

CAS: 40372-72-3

EIENCS: 254-896-5

PROPERTIES:

Si69 bonding with highly dispersed filler such as white smoke, on the other side bonding with rubber, it has excellent properties of dynamic and static after vulcanization. Si69 significantly reduce the mixing viscosity and improve the abrasive resistance and modulus of rubber.

DOSAGE:

Mixing with reinforcing agent, 5-20% of the white smoke, 1.0-2.0% of clay and mica.

APPLICATIONS:

Used in tires, shoe and drum, rubber hose, belt, V belt, etc.; In tires and other rubber products, used as wear-resisting agent and reinforcing agent.

TYPICAL VALUES:

Flash point: Min 100°C

Sulfur content: Min 22.5%

Cl content: Max 0.6%

Density(20°C): 1.08-1.09g/cm³

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PRODUCT	Active Content (%)	Appearance	Filtration (microns)	Binder	Sulfur Content (%)	Density (g/cm ³)
Actmix® Si69-50GE F200	50	Light-yellow translucent Granules	200	EPDM/EVM	11.0	1.25

*Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.

SAFETY&TOXICITY:

Please refer to related SDS.

PACKAGING&STORAGE:

5kg per PE vacuum bag, net weight 20kg/carton lined PE bag; Net weight 600 kg/pallet.

Shelf-life: 1 year in its original packaging. Stored in a dry and cool place.

Do not use if the granule fully hardened during stored.

Compared to traditional Si69 liquid, Actmix®Si69-50GE F200 allows:

- Lower water absorption and effective guarantee of stability and activity of Si69 due to pre-dispersed masterbatch.
- Tack free products at room temperature, convenience and accuracy on ingredients.
- Lower Mooney viscosity at lower temperature (50°C), higher quality of dispersion.
- Impurity free, blocked filter free of extrusive products, scrap rate reduction and higher productivity thanks to filtration.
- Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F200: filtration and micron number of filter

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.