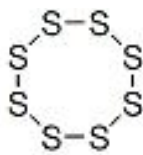


# ACTMIX S-70PE F120

## Vulcanizator Sulfur (S)

A  
C  
T  
I  
V  
E  
  
M  
A  
T  
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L



Sulfur

Chemical Formula: S<sub>8</sub>

M.W.: 256.52

CAS: 7704-34-9

EINECS: 231-722-6

### PROPERTIES:

Sulfur is a vulcanizing agent for natural and dialkene synthetic rubber while it is difficult for traditional sulfur powders to disperse in rubber homogeneously. It is extremely important for light-colored rubber products to use Actmix®S-80 due to excellent dispersity to avoid brown-spot appearance and minimize the defects of vulcanizates.

### DOSAGE:

0.2-4phr, depending on different use and features.

### APPLICATIONS:

Rubber products exposed to dynamic stress; kinds of soft rubber compounds, sulfur-flawless light-colored rubber compounds.

### TYPICAL VALUES:

Melting point: 114℃

Purity: Min 99.5%

Ash content: Max 0.2%

Heating loss content: Max 0.3%

63μm sieve residue: Max 0.5%

M  
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PRODUCT	Active Content (%)	Color	Filtration (μm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix® S-70PE F120</b>	69.5	Light-yellow Plate	120	EPDM/EVM	69	1.42

\* 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:**  
Net weight 25kg/PE bags lined carton; Net weight 600 or 750 kg/pallet.  
Shelf-life : 1 year in its original packaging  
Stored in a dry and cool place.

### Compared to traditional S powders, Actmix®S-70PE F120 allows:

Dust free products with a complete filtration up to 63μm, no skin sensitization, avoidance of burning or even explosion when mixed with air.

Effective guarantee of stability and activity of sulfur due to pre-dispersed masterbatch.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50℃), higher quality of dispersion, no appearance of brown-spot.

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, F120: 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.

Actmix®S-70PE F120

TECHNICAL DATA SHEET (TDS) version 1.3

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