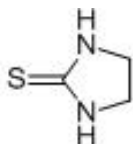


# ACTMIX ETU-80GE F140

## Accelerator ETU (NA-22)

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Ethylene thiourea  
C<sub>3</sub>H<sub>6</sub>N<sub>2</sub>S  
M.W.: 102.16  
CAS: 96-45-7  
EINECS: 202-506-9

### PROPERTIES:

ETU can accelerate vulcanization rate of CR and has high scorching safety. It is an activator and secondary accelerator for low-sulfur or non-sulfur vulcanization of other dienes rubber. It can improve heat-proof aging and physical mechanics properties of vulcanizates. Generally it causes no blooming appearance.

### DOSAGE:

0.1-2phr usually.

### APPLICATIONS:

CR, CSM CPE products.

### TYPICAL VALUES:

Melting point: Min 192°C  
Purity: Min 98%  
Ash content: Max 0.3%  
Volatile content: Max 0.3%  
63µm sieve residue: Max 0.5%

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PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )
<b>Actmix® ETU-80GE F140</b>	80	White to Off-white Granules	140	EPDM/EVM	24.5	1.20

\* 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 600kg/pallet.

Shelf-life : 1 year in its original packaging

Stored in a dry and cool place.

### Compared to traditional ETU powders, Actmix®ETU-80GE F140 allows:

Dust free products with a complete filtration up to 100µm, avoid bitter taste from inhalation, health guard of operators.

Effective guarantee of activity of ETU 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, F140: 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.