

# ACTMIX IS90-65GE F500

## Vulcanizator Insoluble Sulfur IS90

A C T I V E M A T E R I A L	$[-S-]_n-$	<b>PROPERTIES:</b>	<b>APPLICATIONS:</b>
	Insoluble sulfur	IS90 contains at least 90% of modified polysulfide insoluble in carbon disulfide and other similar solvents. After mixing no matter for nature rubber or synthetic rubber, all can avoid sulfur blooming and penetration to maintain the storage of security. IS90 need add before the end of mixing in relatively low temperature to avoid insoluble sulfur premature translating to soluble sulfur.	Industrial products such as tyres, conveyor belting, retreaded tyres, hoses, seals, rollers, etc
	Molecular Formula: $S_n$		<b>TYPICAL VALUES:</b>
	M.W.: 32n		Insoluble sulfur content: Min 90.0%
	CAS: 7704-34-9	1-5phr, depending on different use and features.	Ash content: Max 0.3%
	EINECS: 231-722-6		Heating loss content: Max 0.5%
			150 $\mu$ m sieve residue: Max 0.5%

M A S T E R B A T C H	<b>PRODUCT</b>	Active Content (%)	Appearance	Filtration ( $\mu$ m)	Binder	Sulfur Content (%)	Density (g/cm <sup>3</sup> )	
	<b>Actmix® IS90-65GE F500</b>	65	Yellow Granules	500	EPDM/EVM	64.5	1.25	
	* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.							
	<b>SAFETY&amp;TOXICITY:</b>							
	Please refer to related SDS.							
	<b>PACKAGING&amp;STORAGE:</b>							
	Net weight 25kg/PE bags lined carton; Net 600 or 750 kg/pallet.							
	Shelf-life : 1 year in its original packaging							
	Stored in a dry and cool place.							

### Compared to traditional IS90 powders, Actmix®IS90-65GE F500 allows:

Dust free products, guarantee of IS stability.

Effective guarantee of activity of IS 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 elastomer.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder, F500: 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.