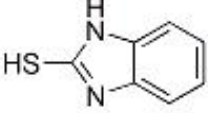


ACTMIX MBI-80GE F140

Antioxidant MBI (MB)

A C T I V E M A T E R I A L		PROPERTIES:	DOSAGE:	
		<p>2-Mercaptobenzimidazole</p> <p>C₇H₆N₂S</p> <p>M.W.: 150.2</p> <p>CAS: 583-39-1</p> <p>EINECS: 209-502-6</p>	<p>MBI works as synergistic in combination with other antioxidants. Effect of antioxidants combined with MBI is usually better than each one is used individually. It is a moderate non-staining antioxidant especially for that rubber compounds contain ultra fast accelerator and heat-resistant rubber compounds with no sulfur but TMTD which can be activated by MBI. MBI with CBS, MBT or thiurams, dithiocarbamate is an anti-scorcher and can improve processing safety and stability of rubber compounds in storage.</p>	<p>0.6-1.5phr usually, 1.5-2phr as a heat-resisting improver.</p>
			APPLICATIONS:	
			TYPICAL VALUES:	
		<p>Various transparent, white and colored rubber products, fabric coating, especially heat-resistant products.</p> <p>Melting point: 290°C</p> <p>Purity: Min 98%</p> <p>Ash content: Max 0.5%</p> <p>Heating loss content: Max 0.5%</p>		

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Sulfur Content (%)	Density (g/cm ³)
	Actmix®	80	White to Grey-white	140	EPDM/EVM	16.5	1.15
	MBI-80GE F140		Granules				
	* 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 kg/pallet.					
		Shelf-life : 1 year in its original packaging					
		Stored in a dry and cool place.					

Compared to traditional MBI powders, Actmix®MBI-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 MBI 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.