

ACTMIX MgO-75GE F140

Metallic Oxide Vulcanization Activator, Acid-Acceptor, Adhesive MgO

A C T I V E M A T E R I A L	PROPERTIES:	APPLICATIONS:	
	Magnesium oxide	MgO is an activator for improving processing safety of CR, CSM, CM, CIIR, FPM, etc. and lowering the scorching possibility of rubber compounds by means of heightening the critical temperature of alkaline catalyst. On the other hand, it can lower the critical temperature of acid catalyst. It is a acid-acceptor to improve aging properties of halogen compounds especially CR and FPM. It can neutralize trace acid in cold vulcanization fabric coating and usually increase the modulus.	Various compression and injection molding products, such as CR, CSM, CM, CIIR and FPM rubber compounds.
	M.W.: 40.30		TYPICAL VALUES:
	CAS: 1309-48-4		Melting point: 2852°C
	EINECS: 215-171-9		Boiling point: 3600°C
		DOSAGE:	Purity: Min 93%
	3-5phr usually.	Loss on ignition: Max 4.0%	
		Solubility in water(20°C):6.2mg/L	

M A S T E R B A T C H	PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Ash Content (%)	Density (g/cm ³)	
	Actmix® MgO-75GE F140	75	Grey-white Granules	140	EPDM/EVM	74.0	1.90	
	* 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 5kg /vacuum-packed bag, 5 vacuum-packed bags/carton, N.W.25kg/carton; Net 600kg/pallet.								
Shelf-life: 1 year in its original packaging								
Stored in a dry and cool place. Discontinue used if the granule surface expands in storage.								

Compared to traditional MgO powders, Actmix®MgO-75GE F140 allows:

Dust free products with a complete filtration up to 63µm, production environment improver.

Lower water absorption and guarantee of activity of MgO due to pre-dispersed masterbatch and vacuum packaging.

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 in extruding product, 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.