

# ACTMIX ZnO-80NR

## Metallic Oxide Vulcanization Activator ZnO

<b>A C T I V E  M A T E R I A L</b>	Zinc oxide	<p><b>PROPERTIES:</b></p> <p>Choiceness ZnO is suitable for rubber industry, combined with elastomer that can avoid absorbing moisture in the air in storage. Compared to what contains ZnO powders, the extruded products which contain pre-dispersed masterbatch Actmix ZnO-80 have a smoother surface due to more homogeneous distribution. It can enhance tensile modulus and tensile strength and improve elongation at break of the vulcanizate.</p> <p><b>DOSAGE:</b></p> <p>3-8phr usually.</p>	<p><b>APPLICATIONS:</b></p> <p>Almost all kinds of rubber products, improving static and dynamic mechanical properties.</p> <p><b>TYPICAL VALUES:</b></p> <p>Melting point: 1975°C Purity: Min 99.7% Loss on ignition (950°C, 2h): Max 0.2%</p>
	ZnO		
	M.W.: 81.39		
	CAS:1314-13-2		
	EINECS: 215-222-5		

<b>M A S T E R B A T C H</b>	<b>PRODUCT</b>	Active Content (%)	Appearance	Filtration (µm)	Binder	Ash Content (%)	Density (g/cm <sup>3</sup> )	
	<b>Actmix ZnO-80NR</b>	80	White Granules	—	NR	83.0	2.95	
	* Binder type can be customized. Except NR, others binders, such as EPDM, NBR, SBR, 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 weight 1000 kg/pallet.							
	Shelf-life : 2 years in its original packaging							
	Stored in a dry and cool place.							

**Compared to traditional ZnO powders, Actmix ZnO-80NR allows:**

- Dust free products with a complete filtration up to 63µm, production environment improver.
- Lower water absorption and effective guarantee of activity of ZnO 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.