

ZnO

Vulcanisation activator, nitrosamine free

A C T I V E M A T E R I A L	PROPERTIES :	APPLICATIONS :
	<p>Zinc oxide ZnO M.W : 84 CAS : 1314-13-2 EINECS : 215-22-5</p> <p>ZnO is a highly effective vulcanisation activator for use in NR, SR and latex. As the loading is increased, the activity of the vulcanisation system and the degree of crosslinking are increased. It is also used as light-coloured reinforcing filler. It is recommended for all conventional accelerator systems, slightly retarding alkaline types. In vulcanisation, it exhibits anti-scorch properties, gives good processing, low heat build-up and varies from slow to fast curing, depending on impurities present. It's a curing agent also in addition with MgO for CR.</p>	<p>Vulcanisates needing high elasticity or transparency; vulcanisates cured in hot air or with sulphenamides; rubbers cured with metallic oxides and without sulphur; food-contacting goods; latex and adhesive compounds.</p>

M A S T E R B A T C H	PRODUCT	Active Content (%)	Colour*	Filtration (microns)	Binder	Mooney ML (1+4) 80°C	Density Typical values
	ZnO 80 GA F140	80	N (White to Yellowish)	140	E/AA	20	2.75
						* N for natural or P for pigment	
	SAFETY & TOXICITY : For detailed information, please refer to our Material Safety Data Sheet.						
	PACKAGING & STORAGE : Cardboard box weight : 25 kg net.-CP3 pallet : 600 kg net. Do not pile more than 2 pallets height Shelf-life : 2 years in its original packaging Store in a dry and cool place and away from direct sources of heat or sunlight.						

Compared to a traditional EVA/EP(D)M binder, MIXLAND+® allows :

- Dust free products with a high level of filtration up to 140 µ.
- Tack free products at room temperature.
- Lower Mooney viscosity, improving quality of dispersion.
- Scrap rate reduction thanks to filtration.
- Wider compatibility with other elastomers.

GA : pellets on ethylene-alkyl-acrylate binder

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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