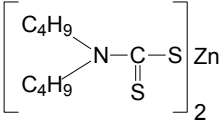


MIXLAND ZDBC

Dithiocarbamate accelerator

A C T I V E		PROPERTIES :	APPLICATIONS :
		<p>Mixland+ ZDBC is an ultra primary accelerator for NR, SBR, CR, IIR, EPDM. In dry rubber, it provides acceptable scorch resistance.</p> <p>It is widely used as a secondary ultra-accelerator for thiazoles and sulphenamides. It provides good ageing resistance for transparent products, dispersions, adhesives and profiles.</p> <p>It is a general polymer stabiliser and an antioxidant for uncured dry rubber compounds.</p> <p>Mixland+ ZDBC presents the same properties as ZDEC but it disperses more rapidly and is less blooming. It is fast curing from 100° C and up, has a low critical temperature and a medium curing range below 121° C.</p>	<p>Technical rubbers, extruded profiles, etc.</p>
M A T E R I A L	<p>Zinc dibutyldithiocarbamate C₁₈H₃₆N₂S₄Zn M.W. : 474 CAS : 136-23-2 EINECS : 205-232-8</p>		<p>TYPICAL VALUES : Melting point : 106° C Specific gravity : 1.25</p> <p>REMARKS : Slightly staining, non-discolouring.</p>

M A S T E R B A T C H	PRODUCT	Active content (%)	Colour*	Filtration (microns)	Binder	Mooney ML (1+4) 50°C	Density	Shore hardness
	Typical values							
	ZDBC 80 GA F140 ① ZDBC 80 BA F140 ②	80 80	N (White to greyish) P (Light blue)	140 140	E /AA E/AA	30 40	1.16 1.16	38 36

N for natural or P for pigment

SAFETY & TOXICITY :
For detailed information, please refer to our Material Safety Data Sheet.

PACKAGING & STORAGE :

① PE bags weight : 20 kg net-CP3 pallet : 640 kg net.
② Cardboard box weight : 25 kg net.-CP3 pallet : 600 kg net.
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 100 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

BA : slabs 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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