

# PT SIDDHARTA MANDIRI INDONESIA

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## Active Zinc Oxide

(AZO-801)

### Description

AZO-801 is produced using a unique wet process developed by Diamonchem. The characteristics of this performance product include low heavy metal content, small particle size, large BET surface area and good dispersibility. These all contribute to its high activity hence result in outstanding vulcanization and rubber physical properties. The use of AZO-801 provides not only technical but also economical benefits for rubber processing. Applications include tyers, shoes, foams, and various rubbers.

### Chemical Properties

Item	Specification	Test Method
Zinc Oxide (ZnO)	72.5±2.5%	JIS K 1410
Lead (Pb)	0.0100 % Max	A.A. Spectra
Cadmium (Cd)	0.0005 % Max	A.A. Spectra
Manganese (Mn)	0.0020 % Max	A.A. Spectra
Copper (Cu)	0.0005 % Max	A.A. Spectra

### Physical Properties

Item	Specification	Test Method
BET Surface Area (BET)	25 ±5 m <sup>2</sup> /g	Shibata SA-1100
Moisture (105°C×15 min. Infrared)	2.0 % Max	DMC-004
Sieve (325) Mesh	99.95 % Min	JIS K 0069
Colour	White	Visual

### Packing and Storage

25kg paper bags with PE lining. 20M/T per container. Other packing is available upon request. To be stored cool and dry in sealed original packaging.