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ACTIVE ZINC OXIDE (AZO - 805)

DESCRIPTION :

AZO-805 is produced by a unique wet process specifically for rubber vulcanization by Diamonchem. It is effective for rubber mixing and dispersion due to its fine particle size, large BET surface area, and low heavy metal contents and harmful impurities. AZO-805 can reduce the rubber processing time and power consumption.

AZO-805 can replace the ZnO directly which produced by French, American or normal process. For rubber formula, AZO-805 can be used to achieve better vulcanization level comparing with same amount of normal zinc oxide used.

COMPOSITION : Zinc Oxide, Zinc Hydroxide, Zinc Carbonate, Activators.

CHEMICAL ANALYSIS :

Assay (ZnO)	: 52.5 ± 2.5 %
Activators and filler	: balance
Iron (Fe)	: 0.0020 % Max
Lead (Pb)	: 0.0020 % Max
Cadmium(Cd)	: 0.0010 % Max
Copper (Cu)	: 0.0005 % Max
Manganese (Mn)	: 0.0010 % Max

PHYSICAL PROPERTIES :

Moisture (105°Cx2hr)	: 2.0 % Max
Bulk Density	: 0.6 ~ 0.8 g/cc
Sieve Fineness (through 325 mesh)	: 99.95%
Surface Area (BET)	: 20 ± 5 m ² /g
Colour	: White to pale yellow

APPLICATION :

Use as an activator in shoe, tyre or rubber industries, as well as uses in transparent, translucent and EVA industries. The price of AZO-805 is more competitive than normal ZnO. The use of AZO-805 for rubber processing not only reduces the product costs but also provides better characteristics.