

TECHNICAL DATA SHEET



Magic of Additive...

MAA DURGA POLYCHEM

We Understands Your Needs....

ZINC OXIDE

Product Information

MDPC Zinc Oxide is manufactured from a high quality Zinc Electrode in a tightly controlled production operation that guarantees product uniformity. The result is a pure white colour with consistent properties.

- High performance.
- No odour during processing and in the final product.
- Cost efficient.
- Quality controlled.

DITERMINATION	UNIT	WHITE SEAL (Zinc Oxide)
Zinc Oxide As Zno (Range)	%	99.4 to 99.6
Sieve 325 Mesh	%	0.1
Acid Insoluble	%	0.128
Sulphur	%	Nil
Iron as Fe	Ppm	47
Lead as Pb	Ppm	50
Cadmium as Cd	Ppm	10
Copper as Cu	Ppm	4
Manganese as Mn	Ppm	2
Heat Loss @ 110°C.	%	0.079
Loss on Ignition @800°C.	0.177
Surface Area BET Method	m2/gm	4.84
Specific Gravity	5.538

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RECOMMENDATIONS FOR APPLICATION

In the curing process of natural rubber and most types of synthetic rubbers, the chemical reactivity of Zinc oxide is utilized to activate the organic accelerator. Heavy-duty pneumatic tires carry high loadings of Zinc Oxide for heat conductivity as well as reinforcement. Zinc Oxide serves as the accelerator with some types of elastomer and the crosslinking, Zinc Oxide similarly retards devulcanization of many types of rubber compounds operating at elevated temperatures. Zinc Oxide mainly uses in RUBBER, EVA, CERAMICS etc.

EASY HANDLING

Eliminates bridging or caking while facilitating use in any type of packaging, bulk handling or conveying system.

DOSAGE

Rubber/ EVA – 0.5 – 1.2 phr

PACKAGING:

25 Kg.

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