



TECHNICAL DATA SHEET **ZINC OXIDE – FIRST QUALITY 995**

CAS NUMBER 1314-13-2	EINECS NUMBER 215-222-5	REACH REGISTRATION NUMBER 01-2119463881-32-0067
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FABRICATION PROCESS

Zinc Oxide produced by Mer Invest Industries S.R.L. is obtained in the Indirect Process (French Process), from the raw materials based on zinc metallic.

FIZICAL AND CHEMICAL CHARACTERISTICS

Aspect	fine, white powder	
Zinc Oxide (ZnO)	% min	99,5
Lead Oxide (PbO)	% max	0,1
Cadmium (Cd)	% max	0,01
Moisture (H ₂ O) la 105°C	%	0,1 – 0,3
Iron Oxide (in Fe)	% max	0,01
Copper Oxide (in Cu)	% max	0,001
Sieve Reject 45µ	% max	0,1
Sieve Reject 250µ	% max	0,01
Loss at 825 °C	% max	1,0
Apparent Density	g/ cm ³	0,7-1,3
Whiteness Degree	% min	92,5
Specific Surface Area (BET)	m ² /g	3,5 - 6,5

APPLICATIONS

Industry of rubber, ceramics, paints, plastics, polymers, electronics, forage additives, fertilizers, catalyzers, lubricants and lubricant additives, intermediate compounds, corrosion inhibitors, chemical laboratory products, semiconductors.

PACKAGING METHOD

Paper bag 25 kg/net; Big bag 500 kg/net; Big bag 1000 kg/net
Plastic pallet; Wooden Euro-pallet

TRANSPORT

ADR, Class 9, hazardous material, solid, UN 3077.

STORAGE

To be stored in dry places, under consideration of the indications in the Safety Data Sheet.

GUARANTEE

Up to 12 months from the delivery date.

VALABILITY

Up to 24 months from the production date.

CLASSIFICATION

According CLP/GHS - warning GHS09

Signal word: warning

Acutely dangerous for waters - category 1

Chronically dangerous for waters – category 1

Danger icon:



Hazard warnigs:

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Safety warnings:

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of content/container as hazardous or special waste in accordance with local/international law.