



Edition : April 1996.
Revision 7 : September 2009.

PRODUCT DATA SHEET

ZINC OXIDE "SILOX 2C GRADE"

SILOX 2C is a chemically produced (wet process) zinc oxide in powder form. It offers good flow and reactivity characteristics in use.

Formula	ZnO		
Molecular Weight	81.38		
International codification	CAS N° : 1314-13-2	CUS N° : 25334	
	EEC N° (EINECS) : 215-222-5	CUSTOMS TARIFF : 2817 00 00	

Product Characteristics

Physical properties	Test methods	Specification
Appearance	Yellow pale powder with 100 % nodular particles	
Surface area B.E.T.	ELC 30 - Measure of the surface area B.E.T.	5 - 8 m ² /g **
Specific gravity		5.5/5.7
Packing density		800 g/l approx.
45 µ sieve retention	ELC56 – Granulometry	0.08 % max.

Chemical properties	Test methods	Specification
ZnO %	ELC 51 – Titrimetry	98 min.
Cu ppm	EICP 19 - ICP*	10 typical value
Mn ppm	EICP 19 - ICP*	5 typical value
Pb ppm	EICP 19 - ICP*	20 typical value
Cd ppm	EICP 19 - ICP*	2 typical value
Loss on drying (2 hrs at 105°C) %	ELC 14 – Gravimetry	0.3 max.**

* ICP : Inductively Coupled Plasma

** Loss at 105°C specification and surface area B.E.T. specification are guaranteed at packing only.

The different methods of analysis are available in French language on request (please, mention the reference number corresponding to the wished analysis).



Packing and Storage

Packing	. 3 ply paperbags of 25 kgs net weight, on non returnable pallets of 1250 kgs . Polypropylene big-bag of 1000 kgs net (other weights on request).
Storage	To be stored in a cool dry place.

Main Uses

SILOX 2C is suitable for :

- Rubber Industry : activator, excellent dispersion, imparts adhesion
- Chemical Industry : production of zinc salts and soaps, lubricating oils additives.

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It is our policy to constantly improve our products. We reserve the right to modify these characteristics with prior notice.