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PRODUCT DATA SHEET

ZINC OXIDE "SILOX ACTIVE GRADE"

SILOX ACTIVE is a chemically produced zinc oxide in powder form with excellent 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.	45 +/- 5 m ² /g **
Specific gravity		5.5/5.7
Packing density		600 g/l approx.
45µ sieve retention	ELC 56 - Granulometry	0.08 % max.

Chemical properties	Test methods	Specification
ZnO %	ELC 51 - Titrimetry	94 min.
Cu ppm	EICP 19 - ICP*	7 typical value
Mn ppm	EICP 19 - ICP*	4 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	0.8 max.**

* CP : 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 quote the reference number corresponding to the required analysis).



Packing and Storage

Packing	. 20 kg paper bag. . 500 kg polypropylene big-bag.
Storage	To be stored in a cool dry place.

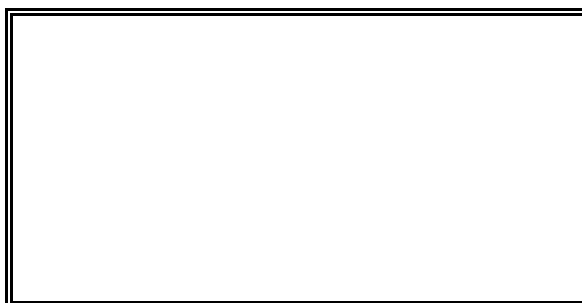
Main Uses

SILOX ACTIVE GRADE is specifically targeted to the manufacture of technical rubber products. Compared to classic zinc oxides, it demonstrates approximately a 50 % reduction in consumption for equivalent results.

- Provides stability and optimization of blending.
- Reproducibility of performances.
- Technical and economical compromised.
- Reduction in zinc content.
- Outstanding performance for extrusion products.
- Improved adhesion characteristics of blends on metal.

It can be used in the manufacture of catalysts.

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