

ZINC OXIDE GRADES / SPECIFICATIONS

GRADE NAME	SURFACE AREA		PARTICLE SIZE * microns	ZnO% min.	Pb% max.	Cd% max.	325 mesh % min	DESCRIPTION	Rubber Products	Chemical Products	Ceramics	CASE Coatings Adhesives Sealants Elastomers	Pharmaceuticals	Agricultural
	min. m ² /g	max. m ² /g												
POWDER														
ZOCO 100	5.50	6.49	0.16-0.19	99.9	0.0024	0.0010	99.98	POWDER						
ZOCO 101	6.50	7.99	0.13-0.16	99.9	0.0024	0.0010	99.95	POWDER						
ZOCO 102	8.00	11.00	0.11-0.13	99.9	0.0024	0.0010	99.95	POWDER						
ZOCO 103	N/A	3.99	0.27-N/A	99.9	0.0024	0.0010	99.99	POWDER						
ZOCO 104	4.00	5.49	0.19-0.27	99.9	0.0024	0.0010	99.99	POWDER						
USP POWDER														
ZOCO 101 USP	6.5	7.99	0.13-0.16	99.9	0.0020	0.0010	99.95	POWDER MEETS USP/FCC SPECIFICATIONS						
ZOCO 102 USP	8.0	11.0	0.11-0.13	99.9	0.0020	0.0010	99.95	POWDER MEETS USP/FCC SPECIFICATIONS						
ZOCO 103 USP	N/A	3.99	0.27-N/A	99.9	0.0020	0.0010	99.99	POWDER MEETS USP/FCC SPECIFICATIONS						
ZOCO 112 EP/BP	3.00	6.00	0.18-0.36	99.9	0.0020	0.0010	99.99	POWDER MEETS PH. EUR./BP SPECIFICATIONS						
ZOCO 112 USP Standard	3.00	6.00	0.18-0.36	99.9	0.0020	0.0010	99.99	POWDER MEETS USP SPECIFICATIONS						
ZOCO 112 USP Low Lead	3.00	6.00	0.18-0.36	99.9	0.0010	0.0005	99.99	POWDER MEETS USP/FCC SPECIFICATIONS						
ZOCO 112 USP Ultra Low Lead	3.00	6.00	0.18-0.36	99.9	0.0005	0.0005	99.99	POWDER MEETS USP/FCC SPECIFICATIONS						
PELLET														
ZOCO 124	N/A	N/A	N/A	99.9	0.0024	0.0010	85.0 (+100 MESH)	HARD PELLETT, BULK ONLY						
ZOCO 624	4.0	6.00	0.18-0.27	99.9	0.0200	0.0050	50.0 (+100 MESH)	SOFT PELLETT						
COATED														
ZOCO 102 C	8.0	11.0	0.11-0.13	99.9	0.0024	0.0010	99.95	PROPIONIC ACID COATED POWDER						
ZOCO 103 C	N/A	3.99	0.27-N/A	99.9	0.0030	0.0020	99.99	PROPIONIC ACID COATED POWDER						
ZOCO 172	4.00	5.49	0.19-0.27	99.9	0.0024	0.0010	99.99	PROPIONIC ACID COATED POWDER						
ZOCO 627	4.0	6.00	0.18-0.27	99.9	0.0500	0.0200	50.0 (+100 MESH)	PROPIONIC ACID COATED SOFT PELLETT						
TECHNICAL GRADE														
ZOCO 300	N/A	N/A	N/A	99.0	0.0030	0.0015	N/A	TECHNICAL GRADE POWDER						
ZOCO 301	N/A	N/A	N/A	99.8	0.0030	0.0015	N/A	TECHNICAL GRADE POWDER						
ZOCO 200 (14 MESH)	N/A	N/A	N/A	95.0	0.1000	0.0100	100.0 (-14 MESH)	POWDER						
SPECIALTY														
Zinstabe 2426	Powdered Compound, activator-stabilizer for azodicarbonamide. Rapid gas release, good heat stability. Activation Temperature 380 – 400°F Can be dispersed with conventional mixing equipment.													

* Particle Size = 1.06007 ÷ Surface Area

Shelf Life: ZOCO 102 & 101: 1 year All other grades: 2 years



PACKAGING

Paper Bags: Below are the most popular options for paper bag packaging. 50 lbs Plastic bags are also available.



P-240

25 Kg, All Grades excluding Zoco 101 & 102
External and Internal Valves



P-160 / P-200

50 lbs, All Grades,
External and Internal Valves



P-260E / P-320E

25 kg (excluding ZOCO 101 & 102)
50 lb (all grades)
External Valve, UN Approved



P-180

50 lbs, Pellet Only,
Internal Valve

Valve Options



Internal Valve



External Valve

Fiber Packages: Drums and Cartons include a plastic liner bag. Drums are finished with a tamper proof seal.



F-120

100LBS, Large Brown Drums
UN Approved



F-100

25 Kgs,
Small White Drum



C-100

50 lbs,
USP Carton

F-140

90 Kgs, Large White Drums

Pallets:

Plastic, Cardboard and Wood are available in various sizes. Below are the most common sizes.

Dimensions	Plastic	Wood	Cardboard
40"x 40"		S-110 – T S-100 – H	
40"x 48"	S-200	S-220 – T S-160 – H	S-140
45"x 45"	S-460	S-360 – T	S-320
48"x 48"		S-480 – T	
48"x 52"		S-380 – H	

T IPPC Treated
H Hardwood



Bulk Sacks: Below are the most popular options for bulk, other size bulk sacks are available up to 4400 lbs of powder.



B-440

1000 Kgs or 2000 lbs,
37"x 37"x 66", UN Approved



B-240

1000 Kgs or 2000 lbs,
37"x 37"x 66"



B-160

2000 lbs,
35"x35"x45"



Loading Capabilities:

Full and Less than Truck Loads, 20' and 40'
Intermodal Containers.

1 Tilbury Court, Brampton, ON L6T 3T4

1-800-324-1806 • T: 905-453-4100 • F: 905-453-2920 • orders@zochem.com • www.zochem.com

ISO 9001:2008 • OHSAS 18001:2007 • ISO 14001:2004