



ZINC INDUSTRIAS NACIONALES S.A.

ZINC POWDER TECHNICAL SPECIFICATIONS

Description Dark gray fine metallic powder
Formula Zn
CAS No. 7440-66-6
Time of life: 1 year

Chemical properties:									
Element	Ultrathin Type		Type I Mine		Type I Paint		Type II		Method Reference
	% Min.	% Max.	% Min.	% Max.	% Min.	% Max.	% Min.	% Max.	
Total Zn	99		99		99		99		ASTM D521
Zn Metallic	94		94		94		94		ASTM D521
Lead - Pb		0.09		0.1		0.03		0.01	AAS
Cadmium - Cd		0.005		0.005		0.001		0.01	AAS
Iron - Fe		0.02		0.01		0.01		0.02	AAS

Physical Properties:					
	Ultrathin Type	Type I Mine	Type I Paint	Type II	Method Reference
Particle Diameter (µm)	1 - 3	3 - 6	3 - 6	5 - 8	Laser-Diffraction
Mesh - 325 (%)	99 min	99 min	99 min	99 min	ASTM D4315

Packaging 50 kg polyethylene pails on 900 kg pallets
 20 or 25 kg polyethylene bags in 500 kg metal cylinders
Storage Zinc dust is sensitive to moisture, store in dry and cool places

