

TECHNICAL DATA SHEET

ZINC OXIDE

RED SEAL

CAS No. 1314-13-2 / EINECS No. 215-222-5

Description

“Red seal” Zinc oxide is a material manufactured from zinc metal by the indirect process (French process).

Suggested applications

Tires, rubber compounds, zinc chemicals, paints and coatings, dyes, pigments, ceramics, glass.

Parameters	Value	Test method
ZnO , %, min	99.5	DIN 55908
Pb, %, max	0.1	ASTM 4075
Cd, %, max	0.008	ASTM 4075
Cu, %, max	0.002	ASTM 4075
Mn, %, max	0.0002	ASTM 4075
Fe, %, max	0.01	ASTM 4075
S, %, max	0.02	ASTM D3280
Surface area, m ² /g	4.0-6.0	ASTM D3037
Moisture at 105 °C, %, max	0.1	ASTM D280
Sieve residue 325 Mesh, %	0.1	ASTM 4315
Bulk density, g/l	450±100	ASTM D7481-09
Acid insoluble, %, max	0.05	DIN 55908
Water soluble elements, %, max	0.2	DIN 55908

Package

Paper bag 20-25 kg net
 Big-bag 500 – 1000 kg net

Storage

Store in clean and dry areas (see MSDS).
 Shelf life is 12 months.



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