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TECHNICAL DATA SHEET

ZINC OXIDE

GOLD SEAL

Cas №1314-13-2/EINECS №215-222-5

Description

“Gold seal” Zinc oxide is a material manufactured from metal (zinc special high grade) by the indirect process (French process)

Suggested applications

It is used as a raw material for the production of pharmacy, stomatology, cosmetics, catalysts, ceramics, glass, tires, electric cables, rubber products, paints and varnishes, artificial leather, plantar rubbers and other products.

№	Name of indicators	Test Method	Targets and Limits
1	Mass content of ZnO, %	DIN 55908	99.7
2	Mass content of Lead, %, max	ASTM D4075 DIN 55908	0.01
3	Mass content of Cadmium, %, max	ASTM D4075 DIN 55908	0.003
4	Mass content of Copper, %, max	ASTM D4075 DIN 55908	0.001
5	Mass content of Manganese, %, max	ASTM D4075 DIN 55908	0.0002
6	Mass content of Iron, %, max	DIN 55908	0.003
7	Loss at 105 ⁰ C, %, max	ASTM D280	0.2
8	Sieve residue 325 Mesh, %, max	ASTM D4315	0.05
9	Mass content of unsolved residue in HCl, %, max	DIN 55908	0.01
10	Mass content of water-soluble residue, %, max	DIN 55908	0.06
11	Specific surface (BET), m ² /g	ISO 18852 ASTM D4075 DIN 55908	4.0-6.0
12	Bulk dencity, g/l	ASTM D7481-09	450±100

Package

Paper bag 25kg net

Big bag 500-1000 kg net

Storage

Store in clean and dry areas (by MSDS)

Shelf life is 12 month

