

IsoQure[®] ZnO 25 CC

Chemical name: Zinc oxide

CAS Number: 1314-13-2

EINECS Number: 215-222-5

IsoQure[®] ZnO 25 CC is an active zinc oxide with high surface area. This unique product is made of an active zinc oxide coating on an inert calcium carbonate core. The active zinc oxide coat is about 55 to 60% of the total weight, the inert calcium carbonate core about 40 to 45% of the total weight.

Material Definition

Appearance: White to slightly yellowish powder

ZnO content of the ZnO coat: Min. 93%

Surface Area: 20 - 30 m²/g

Specific Gravity: Approx. 3.7 g/cm³, reference value

pH: 9.0 +/- 1.0

Application

IsoQure[®] ZnO 25 CC is an active zinc oxide coat on an inert calcium carbonate core. Due to its fine particle size and high surface area, the level of ZnO in a rubber compound can be reduced significantly without any sacrifice in vulcanisate properties.

IsoQure[®] ZnO 25 CC is free flowing and provides with fast incorporation and excellent dispersion in rubber compounds. Because of the calcium carbonate core, the level of zinc in a rubber compound is drastically reduced.

Typical formulations contain 0.5 to 5% ZnO 25.

Handling, Storage and Packaging

The processing and use of IsoQure[®] ZnO 25 CC requires adequate technical and professional knowledge. Please consult safety data sheet and observe local safety regulations.

The legal requirements prevailing in your country, especially in the avoidance of accidents, working hygiene and patent rights must be observed.

IsoQure[®] ZnO 25 CC has to be stored in tightly sealed original containers in a cool and dry place. Properly stored it is stable for a minimum of two years.

Standard pack size of IsoQure[®] ZnO 25 CC is 25 kg in a woven PP bag with PE inner liner plus PE inner bag.

Regulatory Information

EU REACH registered: Yes

TSCA: Listed

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions



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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:
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