



## IsoQure<sup>®</sup> ZnO 25 CC

### (Active Zinc Oxide on a Calcium Carbonate Core)

IsoQure<sup>®</sup> 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.

#### Substance:

Zinc Oxide, ZnO

CAS number: 1314-13-2  
EC number: 215-222-5

#### Typical Properties:

Form: White to slightly yellowish powder  
ZnO content of the ZnO coat: min 93 %  
Surface area: 20 - 30 m<sup>2</sup>/g  
Specific gravity: 3.7 g/cm<sup>3</sup> (internal method, Gas Pycnometer)  
pH: 8.5 /- 0.5  
Heavy metal content as Pb: < 10 ppm  
Cu content: < 5 ppm  
Mn content: < 10 ppm

#### Application:

IsoQure<sup>®</sup> 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<sup>®</sup> ZnO 25 CC is free flowing and provides with fast incorporation and excellent dispersion in rubber compounds.

Because of the calcium carbonate core, which accounts for 40 to 45% of the total weight, the level of zinc in a rubber compound is drastically reduced.

Typical formulations contain 0.5 to 5% ZnO 25 CC.

### **Handling, Storage & 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 minimum 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.

**Disclaimer:** The above information is based on our experience to date and is intended for your advice. It does not constitute a guarantee for individual applications because the application and handling in each case lie beyond our control. If damage or injury occurs as a result of an application for which we are proven liable, or maximum liability will be limited to the value of the products supplied by us and used by you. Claims for compensation based on the provisions of the Product Liability Law are not affected by the liability exclusion insofar as they are based solely on this law and are made by third parties.

Major Revision Number: 2