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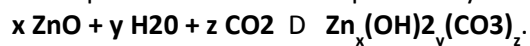
Re: Zinc Oxide Shelf Life and Stability Statement

Zinc oxide shelf life is one year from date of manufacturing for surface areas greater than 6 m²/g and when used in rubber applications.

Zinc Oxide shelf life is eighteen months from date of manufacturing for product with 6 max m²/g surface areas and all applications except rubber.

Zinc oxide shelf life cannot be retested to extend.

Zinc oxide slowly reacts with CO₂ in ambient air degrading to ZnCO₃ zinc carbonate (a more stable form in nature, with white hard particulates which may be 500 to 800 microns in size). Water or humid atmosphere accelerates the process by driving zinc hydroxide and zinc carbonate respectively:



Water in damp or wet storage conditions, high humidity, open product, or higher m²/g surface area accelerates product degradation.

Regards,

John J. Stourac

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