

**CR-4 ZINC OXIDE
CAS# 1314-13-2**

Technical Data:

CR-4 Zinc Oxide is used in natural and synthetic rubber compounds as part of the cure system activation. It can also enhance heat aging properties of the vulcanized rubber. It is typically added at a 3.0 – 5.0 phr level early in the mixing process except with polychloroprene compounds.

Specification:

Appearance:	Fine white powder
*Zinc Oxide	99.9% Min.
*Lead	30 ppm Max.
*Cadmium	10 ppm Max.
*Copper	10 ppm Max.
*Iron	10 ppm Max.
*Loss at 110°C	0.07% Max.
*Loss at 825°C	0.20% Max.
*Retained 325 mesh sieve	0.02 Max.
Specific Gravity, typical	5.6
Surface Area	4.0 – 5.0 m²/g
Average Particle Size	0.46 – 0.58 microns
Bulk Density	35.0 – 45.0 lb/ft³

***Data reported on Certificate of Analysis**

**The shelf life for CR-4 is 24 months from the date of manufacture.
Packaging: 50 lb. bags**

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The technical information and suggestions for use contained herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assumed.