

## Features, Advantages & Benefits

# Innovox<sup>®</sup> 97

## Calcium Oxide CaO



**Innovox is a powder consisting of ultra-fine particles of calcium oxide, which gives excellent mixing and dispersion characteristics.**

Calcium oxide is used as a desiccant and acid scavenger in rubber and elastomer compounds, which can contain moisture either from fillers incorporated in the formulation or by moisture absorption from high humidity environments.

Calcium oxide, CaO combines with moisture to form calcium hydroxide, Ca(OH)<sub>2</sub>. This reaction chemically binds moisture and is non-reversible. The reaction product, calcium hydroxide, is a powder which incorporates easily and invisibly into the compound, but will also perform as an acid scavenger.

### World leading moisture control for rubber

**The world's largest compounders such as Hexpol, Cooper Standard and many others trust Innovox to solve their moisture problems.**

Innovox 97 removes moisture from rubber compounds made all over the world.

### Reduce or eliminate your finished product quality failures

Innovox 97 is trusted by the world's leading compounders to remove moisture every time, with no oversize particles or performance issues. This means that you save money and increase output by eliminating process scrap and quality failures.

### Use 20% less than granule desiccant competitors

**Desiccant granules incorporate 20% of non-active ingredients to make up the granule, whereas Innovox 97 doesn't use these.**

In laboratory tests and in regular production, Innovox has proven to be 20% more effective than granules, saving money and reducing the amount of stock inventory required.

### Consistent addition rates – no waste

**Innovox 97 is supplied in pre-weighed sachets, so you have close control over addition rates.** Our low-melt sachets become part of the rubber compound, so it's a foolproof and dust-free way to get the right addition every time.

### Technical advice and problem solving

**Our world-renowned Technical Centre experts are available to help answer your questions.**

We have a wide range of in-house expertise and work with research establishments, consultants and universities to bring a wealth of knowledge and experience to problem solving. ACE Laboratories and ARTIS are amongst our partners.

### Reduced carbon footprint

**Our network of global manufacturing partners make Innovox 97 worldwide, reducing delivery miles by being made locally. Don't forget you can reduce carbon by an extra 20% if you replace granules with Innovox**

Birch Chemicals is constantly striving to reduce its impact on the planet. Visit our website for more details.

**IMPROVE YOUR PRODUCTION PERFORMANCE - REQUEST YOUR FREE SAMPLE NOW AT [info@birchchemicals.co.uk](mailto:info@birchchemicals.co.uk)**



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