

Features, Advantages & Benefits

Innovox[®] MB

Calcium Oxide Masterbatch

Innovox MB is a desiccant masterbatch consisting of ultra-fine particles of Calcium oxide bound in an EPDM granule, which gives exceptional 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)₂. 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 MB removes moisture from rubber compounds made all over the world.

Reduce or eliminate your finished product quality failures

Innovox MB 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.

Reduced carbon footprint

Birch Chemicals is constantly striving to reduce our impact on the planet. Visit our website for further information.

Same performance and consistency as other Innovox products

Innovox MB is made using Birch Chemicals market leading calcium oxide in EPDM rubber binder, so you have the same market leading moisture control performance that the world's largest compounders rely on.

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.

Consistent addition rates – no waste

Innovox MB is supplied in pre weighed sachets, so you have close control over addition rates. Competitor granules use oils and waxes – but our low-melt sachets and EPDM binder become part of the rubber compound. Therefore using Innovox MB is a foolproof, dust-free way to get the right addition every time.

Use less than granule desiccant competitors

Competitor desiccant granules incorporate 20% of non-active ingredients to make up the granule, whereas Innovox MB uses EPDM. In laboratory tests and in regular production, Innovox MB has proven to be more effective than competitor granules. Therefore it will mean financial savings and a reduction in the amount of stock inventory required.

IMPROVE YOUR PRODUCTION PERFORMANCE - REQUEST YOUR FREE SAMPLE NOW AT info@birchchemicals.co.uk



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