

LEONI *Technical Report*

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Termite protection



Termite protection batch

In the past different additives were used to achieve termite resistance of cable sheath compounds, like polyvinyl chloride (PVC), polyethylene (PE) and low smoke, zero halogen compounds.

Commonly used termite protection additives were for example copper naphthenate or in former times, Lindan. These materials were quite critical regarding environmental toxicity. Some of them become accumulated in plants and animals, because their biodegradation rate is rather slow. Over the past years alternative compounds based on other additives were successfully developed and tested. From the toxicological point of view are these state-of-the-art additives without any rise for humans and environment.

The new additives are tested and have proved their suitability against termites achieving better efficiency than the formerly used products.

The Business Unit Industrial Project is using the new additives to minimize environmental risks and to improve efficiency against termites.

Business Unit Industrial Projects

LEONI Kerpen GmbH
Zweifaller Straße 275–287
52224 Stolberg
Telefon +49 24 02 17-1

industrial-projects@leoni.com
leoni-industrial-projects.com