

Steer with cobalt-free Next Generation tire cord adhesion

allnex ALNOVOL® PN 870 allows substituting chemicals of concern without sacrificing performance

Based on modified phenolic resin, our Next Generation adhesion promoter offers an easy-to-use, all-in-one replacement for cobalt salts and resorcinol in rubber-to-steel-cord adhesion systems.

Features

No cobalt salt and no fuming

Improved scorch and reversion resistance

Less corrosion on steel cord

Comparable reactivity and adhesion promotion

Replacement of cobalt salts

Benefits

Improves environmental and health impact

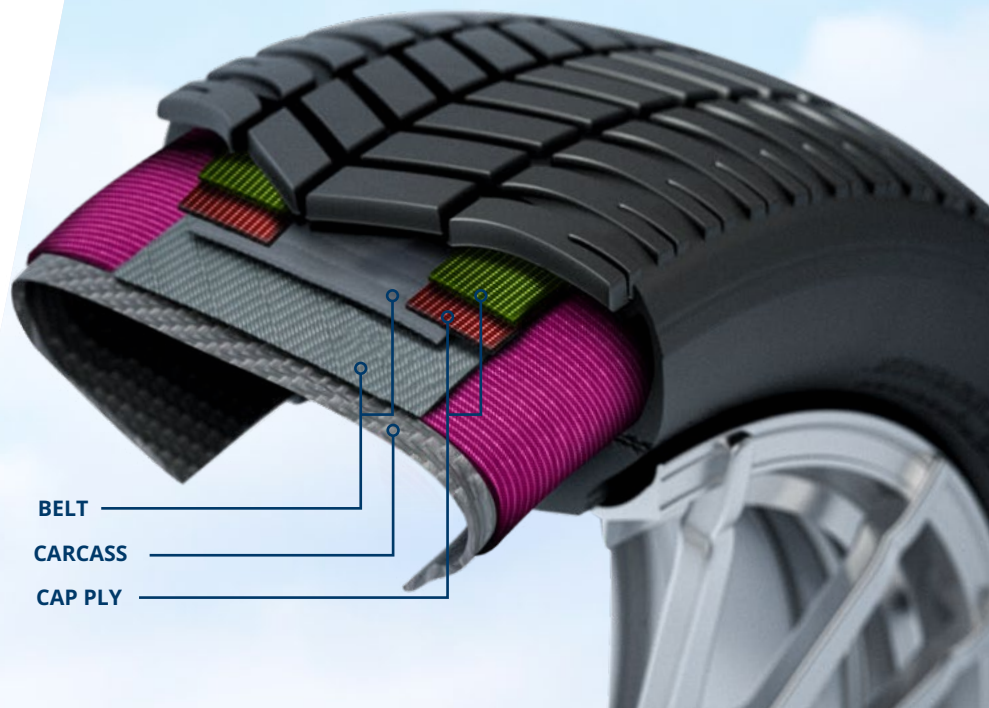
Higher tolerances in compound design

Improved adhesion during aging

Easy-to-use package solution for tire manufacturers

Improved formulation costs

allnex additives improve adhesion at the interface between rubber and steel cord. Low amounts (< 1% of total tire weight) have **crucial impact on safety and performance of tires**



BELT

CARCASS

CAP PLY



Allnex Management GmbH

The Squire 13, Am Flughafen
60549 Frankfurt am Main, Germany



Contact:

Roberto Blanco Trillo

Email: Roberto.Blanco-Trillo@allnex.com



Want to know more?

The QR-code leads to our web page where you'll find more information.

www.allnex.com

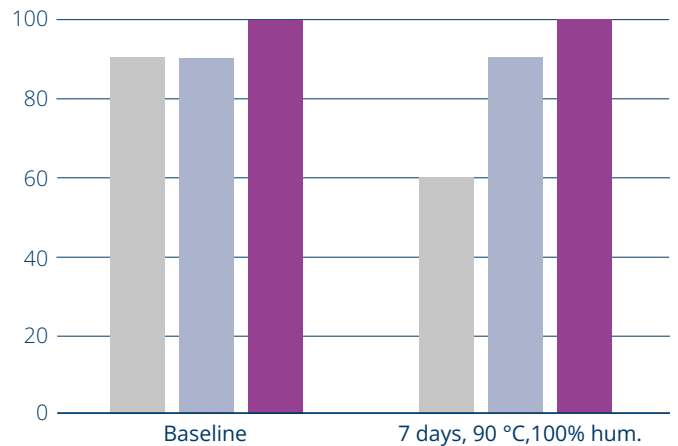
Disclaimer: allnex Group companies ('allnex') exclude all liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge but does not constitute any express or implied guarantee or warranty as to the accuracy, the completeness or relevance of the data set out herein. Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user.

Notice: Trademarks indicated with ®, TM or * as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group companies.

■ Formulation w/o Co
■ Formulation with Co
■ Formulation with ALNOVOL® PN 870

Rubber coverage

PERCENT [%]



Adhesion performance

PULL-OUT FORCE [N]

