

evince verb
[ɛˈvɪns]

to reveal the presence of

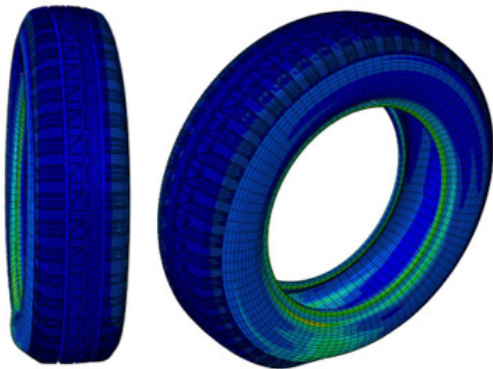
RAW MATERIALS SUPPLIERS COMBINED TESTING AND MODELING SERVICE



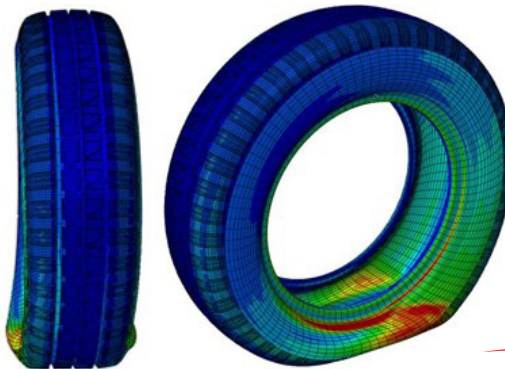
The Endurica EVINCE testing and modeling service reveals your materials' unique advantages in terms of your customer's real world product performance, without the time and expense of a physical prototype build. Use product performance simulation to showcase, validate, and optimize.

EXAMPLE: PASSENGER TIRE

5° Slip Angle
100% Rated Load



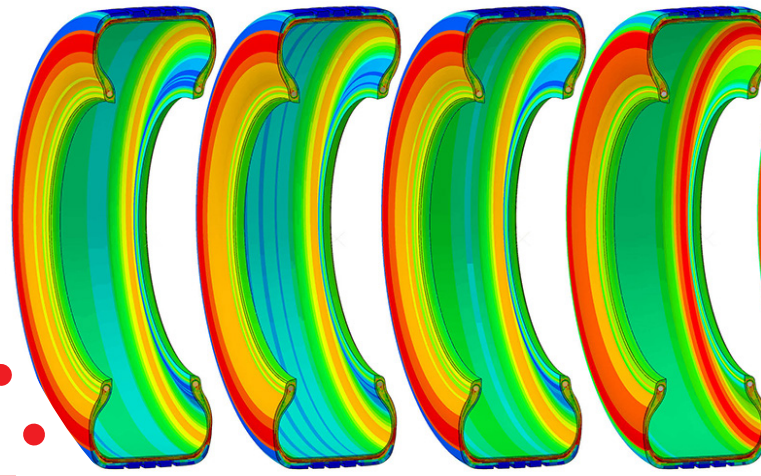
5° Slip Angle **200%**
Rated Load

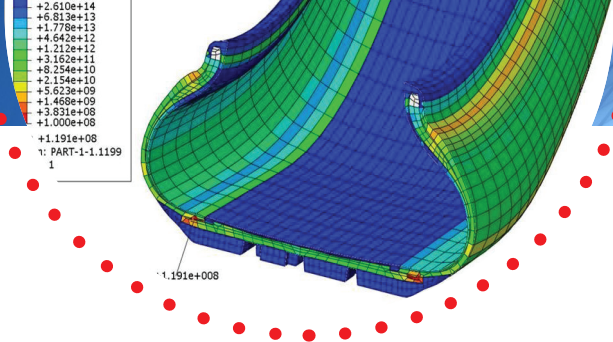


Imagine the impact your team can make with finite element simulation results highlighting the benefits of your new additive, polymer, or filler.

Endurica
Get Durability Right®

Solutions for Elastomer Durability that are Accurate | Complete | Scalable | endurica.com





HOW IT WORKS

- You specify product geometry and operating conditions
 - Use a pre-built Endurica model (tires, bushings, mounts, etc.) or
 - Request your own custom model
- You specify performance parameters that are meaningful to your customer
 - Dimensions and shape
 - Stiffness and damping
 - Heat Build up / Rolling Resistance
 - Durability / Fatigue / Ageing / Ozone attack
 - Wear
- Endurica characterizes the materials to be compared
- Endurica simulates product performance, using world-leading finite element codes as well as our own durability solvers.
- Endurica prepares visualizations and a summary report
 - Color contour plots that highlight the performance advantages of your material
 - Animations that give your customer confidence you understand their application
 - Simulation results full of rich physical insights that can substantiate claims about “how this works”
 - Compound rankings based on predicted product performance

THE ENDURICA DIFFERENCE

Call **+1 419.957.0543** or **+352 691 398 233**

or email us today: info@endurica.com

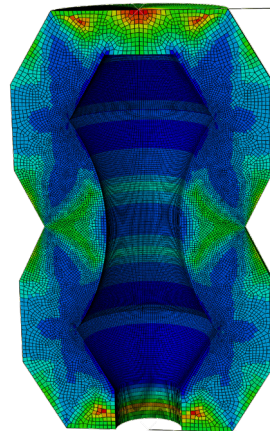
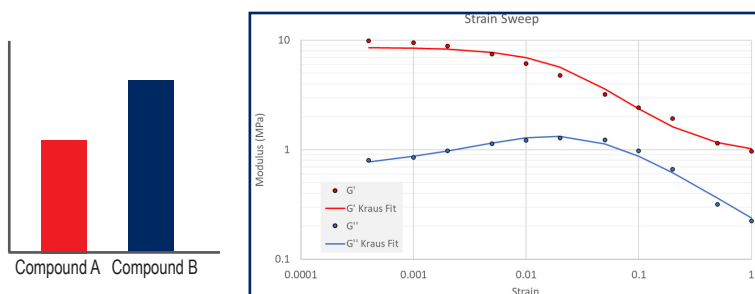
Scan for more info:



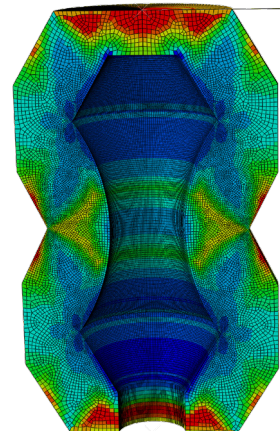
Simulation, combined with Endurica's testing methods, provides the ability to realistically account for physics and the use case of your materials in a way no other standard testing can.

YOU WILL RECEIVE

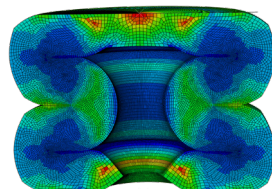
- Product-specific performance comparisons of your new polymer, filler or additive in your control and feature rubber formulations
- Application-specific results that take into account realistic service conditions
- Broad selection of performance parameters and criteria
- Summary report and insightful visuals (contour plots, animations) that highlight your material's benefits to your customer's product
- Expert support in leveraging the industry's most powerful methods for characterization and simulation



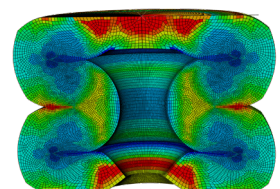
Compound A



Compound B



Compound A - under compression



Compound B - under compression

Endurica

Get Durability Right®

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