



## TECHNICAL DATA SHEET

### Description

Luxe Auto Technologies' **Luxe Satin**<sup>TM</sup> is a revolutionary tire treatment that permanently bonds to the tire's surface creating a long-lasting, rich, "new tire" look to your tire's sidewall. **Luxe Auto Technologies' Luxe Satin**<sup>TM</sup> has been formulated to chemically bond to the tire, forming a highly crosslinked durable surface that gives that "**New Tire**" look even up to 50 to 100 car washes! For a long-lasting, durable "**New Tire**" look regardless of the age of the tire, **Luxe Auto Technologies' Luxe Satin**<sup>TM</sup> gives you the performance that you demand with zero maintenance!

But improved tire appearance is not the only benefit that you get from **Luxe Satin**<sup>TM</sup>, Independent Tire Lab Test Results show that tire performance is also enhanced. **Luxe Auto Technologies' Luxe Satin**<sup>TM</sup> has been tested by Ace Labs, an independent laboratory specializing in rubber testing, for several factors including Strength, UV & Ozone resistance.

The results are shown below:

### Tire Tensile Strength and Elongation ASTM D412

| Sample                   | Elongation at Break (%) | Force Required to Break (psi) | % <u>Improvement</u> |
|--------------------------|-------------------------|-------------------------------|----------------------|
| Un-coated Tire           | 446.97                  | 1248                          |                      |
| Luxe Satin <sup>TM</sup> | 511.81                  | 1425                          | → 14.18%             |

### Tensile Strength and Elongation ASTM D412 Aged 70 Hours @ 158 degrees Fahrenheit

| Sample                   | Elongation @ Break (%) | Force Required to Break (psi) | % <u>Improvement</u> |
|--------------------------|------------------------|-------------------------------|----------------------|
| Un-coated Tire           | 384.33                 | 1380                          |                      |
| Luxe Satin <sup>TM</sup> | 455.98                 | 1679                          | → 21.67%             |

**Ozone Exposure – ASTM D1149: 72 hours at 104 degrees Fahrenheit:**

**Result: Improved UV resistance compared to the untreated tire!**

**UV Exposure – ASTM G53: 100 hours total – 8 hours exposure at 140 degrees Fahrenheit followed by 4 hours at a 122 degrees Fahrenheit condensation temperature.**

**Result: No Decrease in tire performance!**

All performance testing was performed by ACE Products & Consulting LLC. Luxe Auto Technologies makes no claims or warranties.