

Performance Shoe Soles



Available Today

Most effective products contain capsules made of thermoplastic polyurethane (TPU), spongy sole, stiff carbon-fiber plate, cushions, single density polyurethane foam, etc.

Loss of energy is still higher than desirable

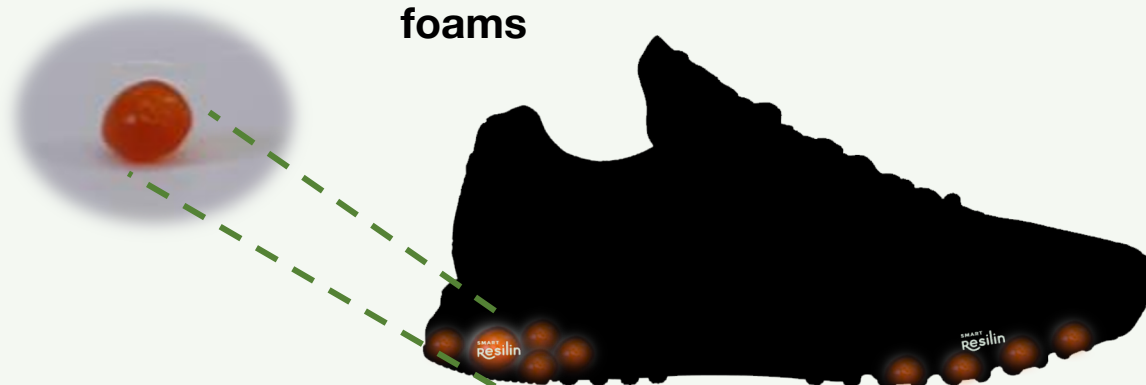
Low wear resistance

Our solution

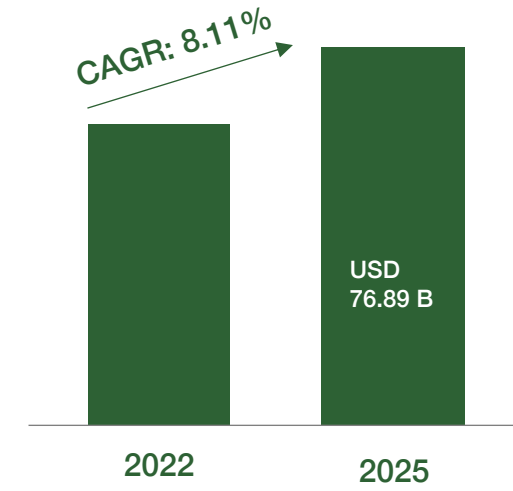
Generating capsules made of Resilin and PU (or other polymers) foams and integrate it into the sole area.

Integrates in existing production facilities.

Initial results showed an improvement of 133% in resilience when integrating resilin into PU foams

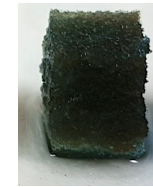


SMART Resilin

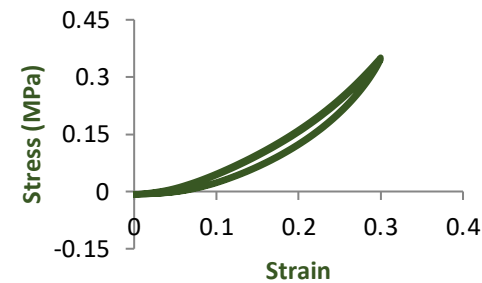


Source: Statista

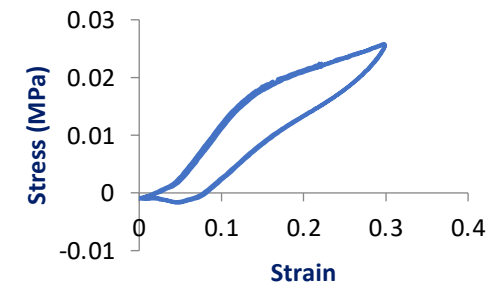
Resilin-PU foam



PU foam



80% Resilience
20% Hysteresis



58% Resilience
42% Hysteresis