

# SMART Resilin

Smart Resilin is the **first company** to produce resilin commercially.

Resilin is the most elastic protein on earth with over **92% resilience**.

Inspired by the **jumping and flying** mechanisms of insects, Smart Resilin produces raw material as well as novel, resilin-based, composite materials

Using advanced genetic engineering techniques, our protein is designed to integrate with other high-performance, bio-inspired materials. Self-standing, or as a composite with cellulose, resilin improves the flexibility and the strength of many materials in countless applications.

Smart Resilin produces new materials inspired and sourced from nature, fully respectful of the environment in both its production and degradation processes.

**Extreme  
Elasticity**

**>92 %  
Resilience**



**Nature  
Inspired**

**Unique  
IP**

**4  
Patents**

**Low-Cost  
Target**

**\$0.5/gr**

Applications are countless. POCs developed by partnering with leaders of different industries include:

**Hair Straightening  
products**

*Alternative to formaldehyde*

**Flexible Electronic  
Displays**

**Performance Shoe Soles**

*Resilin- polymers foams*

**Compounding** in available  
products

Our material is developed to readily integrate existing production lines

## Financial Profile

**Business Model:**

Patents > IP Licensing > Scale Up > Target Price > Patents > IP Licensing > Scale Up > Target Price

## Funds & Milestones

Seeking seed investment of \$3M to complete

Upscaled production  
Working Capital

Research & Development  
Sales and Marketing efforts