



## Press Release

### CONTACT

Michael Newsom  
LouVan Communications Inc.  
office: +1 508.530.3121 / mobile +1 617.803.5385  
email: [mike@louvanpr.com](mailto:mike@louvanpr.com)  
Skype: louvanpr

## Arevo Labs announces Carbon Fiber and Nanotube-reinforced High Performance materials for 3D Printing Process

Ultra Strong Polymer Parts<sup>™</sup> to benefit Aerospace, defense and healthcare industries in particular

**San Jose, Ca. – March 24, 2014** – Arevo Labs, a Silicon Valley startup, announced today the availability of technology and materials to create Ultra Strong High Performance Polymer parts using a 3D printing process. Supported materials include High Performance Polymers such as KetaSpire<sup>®</sup> PEEK, AvaSpire<sup>®</sup> PAEK, Radel<sup>®</sup> PPSU and PrimoSpire<sup>®</sup> SRP. Arevo's offering consists of Proprietary Carbon Fiber and Carbon Nanotube (CNT) Reinforced High Performance Materials, printing technology compatible with commercially available filament fusion 3D Printers and specialized software algorithms to create 3D objects with deterministic mechanical properties.

3D Printing with PEEK and other advanced reinforced polymers has been technically challenging until now. Arevo Labs' team has solved this problem by optimizing polymer formulations along with innovative extrusion technology to make them suitable for additive manufacturing. Arevo Labs patent pending 3D Printing technology combines the benefits of printing complex geometries with reinforced materials that have excellent resistance to high temperatures and chemicals. The 3D printed parts optimized for mechanical properties using Arevo's advanced algorithms result in lighter stronger parts with unmatched mechanical properties.

*"We are excited about enabling 3D printed Ultra Strong Polymer Parts for the first time,"* said Hemant Bheda, founder of Arevo Labs. *"OEMs in the aerospace and defense industries, in particular, can now use lighter and stronger production parts not possible to manufacture using conventional methods until now."*

*"Arevo Labs is providing the aerospace and defense industries with a new level of performance with 3D Printed Ultra Strong Parts using Solvay Polymers,"* said Jens Hoeltje, Director of Strategy & Marketing for Solvay Specialty Polymers. *"We're pleased that several of Solvay's high performance polymers are being used in this exciting new technology."*

### About Arevo Labs

Arevo Labs, based in Silicon Valley, California, focuses on the development of technology to enable production grade 3D Printed Ultra Strong Polymer parts. Arevo's technology consists of Advanced Materials, Printing Technology and Algorithms to optimize mechanical properties of printed parts. Arevo plans to offer the technology and materials to OEMs worldwide.

For more information on Arevo Labs, visit [www.arevolabs.com](http://www.arevolabs.com) or contact Hemant Bheda via email at [hemant@arevolabs.com](mailto:hemant@arevolabs.com)

### About Solvay Specialty Polymers

Solvay Specialty Polymers is a world leader in high-performance polymers, manufacturing over 1500 products across 35 brands. Products include fluoropolymers, fluoroelastomers, fluorinated fluids, high-performance polyamides and polyamide-imides, high-performance polyketones, high-performance polyesters, sulfone polymers, high-barrier polymers and cross-linkable compounds for use in Aerospace, Alternative Energy, Automotive, Healthcare, Membranes, Oil and Gas, Packaging, Plumbing, Semiconductors, Wire and Cable, and other industries. Learn more at [www.solvay.com](http://www.solvay.com).

