

Integral Announces Market Deployment of the ElectriPlast™ Pellet Including Independent Test Results

Bellingham, WA-Integral Technologies, Inc. (OTCBB:ITKG) (“Integral”), today announces (1) the international market deployment of the ElectriPlast™ pellet, a patented method of pelletizing conductive plastics based on its original blend, (2) expanded resin and fiber ElectriPlast™ pellet blends and their targeted industries, and (3) achieving industry milestones as proven by specialized third party independent and certified testing of the additional ElectriPlast™ pellet blends.

Initial Test Data

In January of this year Integral released its initial test results of the ElectriPlast’s™ patented method of pelletizing various resins and fibers. The first pellet blend tested used PA66 (nylon with stainless steel fibers) which revealed that the pellet’s EMI/RFI shielding properties ranged from 70dB @ 30MHz to 90dB @ 1.5GHz over a wide frequency spectrum from DC to UHF, outperforming our competitors’ methods by over 40%. As a result, Integral received a strong world-wide upsurge in inquires and requests for non-disclosure agreements, and has begun working with existing and new customers to develop products using this technically advanced conductive pellet.

Market Deployment of ElectriPlast™ Based on Initial test Data

Based on the January test data, two of our customers in the automotive and aerospace industries -- both here and in Europe – are in the process of switching from our competitors’ products to ElectriPlast™ for their electronic shielding needs.

Expanded Resin and Fiber ElectriPlast™ Pellet Blends and Some of Their Targeted Industries

In January Integral announced that it would expand the testing to include various resin and fiber combinations to target multi-market sectors. Based on our customers’ internal marketing strategies and to expand Electriplast’s™ reach into every possible industry sector to become the leader in the conductive plastics industry, Integral selected seven resin and fiber combinations to test.

Using ElectriPlast’s™ patented pelletizing method, the table shows all eight distinguishable resin and fiber blends we tested—some unique in the industry—together with their targeted industry sectors.

Resin and Fiber	Targeted Industry Sector (Partial list)
1-ABS with Nickel Plated Carbon Fiber	CE, A, AE/M
2-PC/ABS with Nickel Plated Carbon Fiber	CE, A, ES, AE/M
3-PC/ABS with Stainless Steel Fiber	CE, A, ES, AE/M
4-PC with Nickel Plated Carbon Fiber	CE, A, ES, AE/M
5-PC with Stainless Steel Fiber	CE, A, ES, AE/M
6-PP with Nickel Plated Carbon Fiber	CE, A, AE/M
7-PP with Stainless Steel Fiber	CE, A, AE/M
8-PA66 (nylon with stainless steel fibers), previously tested	A (EP/TP), ES, AE/M (EP/TP)

Legend

ABS: Acrylonitrile Butadiene Styrene is a copolymer
PP: Polypropylene is a Thermoplastic Polymer
PC: Polycarbonate is a Thermoplastic Polymer

CE: Consumer Electronics
A: Automotive
ES: Energy Storage
AE/M: Aerospace/Military
EP/TP: Engineering Plastics/Thermoplastics Polymer for High Temp/High Performance

Test Data Achieves Industry Milestones

The testing was conducted at five labs, four of which were independent labs with no affiliation whatsoever to Integral. All four independent labs performed electrical, mechanical and imaging/dispersion testing. The fifth lab was Integral's internal lab where we have established full capabilities for research and development of ElectriPlast™ applications. Testing was performed consistent with all applicable Industry Standards: ASTM-D638, ASTM-D790, ASTM-D256, ASTM-D648, ASTM-D792, ESD STM-1 1.11, ASTM – D257, FTMS -101C/4046 , ASTM-4935, UL-94.

The test results for these new seven pellet blends are all congruent with January's test of the first blend, demonstrating that the patented ElectriPlast™ pelletizing process continues to prove itself out and achieve industry milestones. When molded, ElectriPlast™ pellet blends:

- Provide electromagnetic shielding up to 40% greater than competitors for the PA66 with stainless Steel Fibers (January 2010 tests);
- Provide an Electromagnetic Shielding Effectiveness greater than 100 dB for the seven just-tested ElectriPlast™ blends, exceeding all of our current customers' electromagnetic requirements;
- Provide up to 20dB greater shielding effectiveness at certain frequencies compared to current methods;
- Use resin and fibers that are common within their industry and are easily adaptable to current molding and extrusion machines;
- Employ a new and unique patented manufacturing process for fiber-dispersion of their various base compounds that use fewer fibers than current blends without sacrificing the exceptional electromagnetic shielding effectiveness and mechanical performance, making for an even fiber dispersion & lighter product;
- Maintain appropriate temperature variance, mechanical strengths and electrical characteristics based on any resins' current molecular structure.

ElectriPlast™ Provides Unprecedented Design Flexibility

Now having eight distinguishable blends, Integral can offer customers a variety of pellets that can be fabricated into virtually any shape or dimension using low-cost injection molding or extrusion tools. This means that Integral can offer customers the design flexibility of being able to customize any pellet to meet their design requirements.

Engineered design flexibility and shorter development cycle reduces the costs of our customers' manufacturing process that will continue to offer users of Integral's technology the ability to change from heavy metal parts to new light weight ElectriPlast™ parts.

Future Development and Business Awards

Integral continues to expand and patent its blends of ElectriPlast™ technology, and in the coming months will report on the testing of these, as well as the orders it has received from its customers for its current blends.

Integral Technologies

Integral Technologies, Inc. (www.itkg.net) is the developer of an innovative electrically conductive resin-based material called "ElectriPlast™," a highly conductive recipe that can be molded into virtually any shape or dimension associated with the range of plastics, rubbers and other polymers. Our IP consists of ElectriPlast™ and multitudes of different applications pertinent to a wide variety of industries. No assurances can be given that all patent applications will be approved; however, to the extent that patents are not granted, we will continue to attempt to commercialize these technologies without the protection of patents. Various examples of industries where ElectriPlast™ can be used are antennas, shielding, lighting, circuitry, switch actuators, resistors, and medical devices, to name just a few. The company is currently introducing these new products and ElectriPlast™ technology on a global scale.

This press release contains "forward-looking statements" within the meaning of Section 27A of the 1933 Securities Act and Section 21E of the 1934 Securities Exchange Act. Actual results could differ materially, as the result of such factors as (1) competition in the markets for the products and services sold by the company, (2) the ability of the company to execute its plans, and (3) other factors detailed in the company's public filings with the SEC. By making these forward-looking statements, the Company can give no assurances that the transaction described in this press release will be successfully completed, and undertakes no obligation to update these statements for revisions or changes after the date of this release.

For more detailed information on the company and the technologies described above please visit our web site at www.itkg.net or contact Shareholder Relations at 888-666-8833 or Doug Bathauer, at 812-455-5767 or email at electriplastinfo@aol.com. To review the company's filings with the SEC, please go to www.sec.gov.