

INK WORLD

The most widely read ink magazine in the world



Bonus
distribution at
10
events worldwide.
(see inside for details)

2012 TECHNICAL PROFILES

A special reference of industry suppliers

The following companies have appeared in Ink World's **Technical Profiles:**

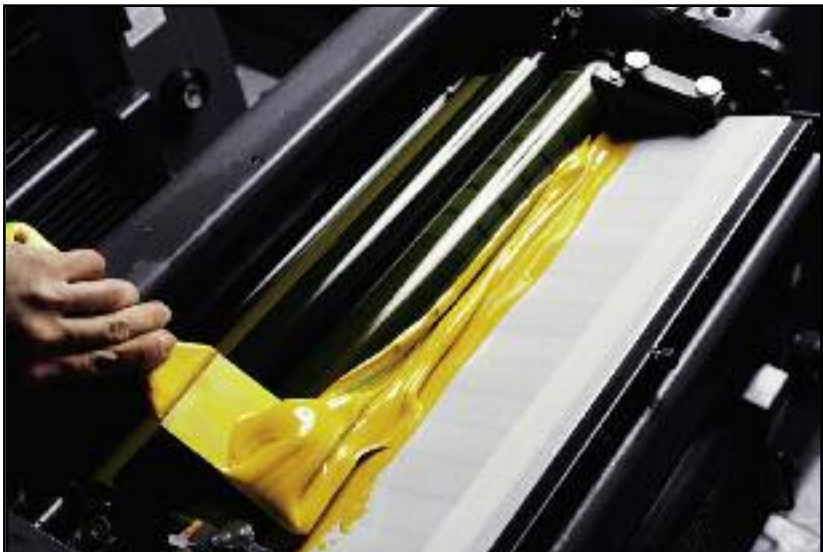
Alex Colors
 Alvar, Inc.
 Apollo Colors
 Arez International
 BASF Corporation
 Brilliant Group, LLC
 Buhler Inc.
 CB Mills
 CDF Corporation
 ChemFirst Fine Chemicals
 Clariant Corporation
 Cognis Corporation
 Colloides Naturels, Inc.
 Conn and Company
 Cytec Surface Specialties
 DayGlo Color Corporation
 Draiswerke
 EC Pigments
 Eckart America
 Eiger Machinery
 Elementis Specialties
 EMD Chemicals
 Epolin
 Evonik
 Fluid Management
 General Press Colors
 Heubach
 Hexion Specialty Chemicals
 Hockmeyer Equipment
 Hue Color Systems
 Hydrite
 IGT Testing Systems
 InChem
 Inksolutions LLC
 Jeco Pigment USA
 Jyoti Ceramic Industries
 Kustom Group
 Little Joe Instruments
 Lubrizol Advanced Materials Inc.
 Magie Bros.
 MC Technology
 MeadWestvaco
 Membrana
 Micro Powders, Inc.
 Münzing
 Netzsch, Inc.
 Neville Chemical
 Premier Mill Corp.
 Reichhold
 Reynolds Industries
 Sartomer Company
 Schwerdtel Corporation
 SEPR – Saint Gobain Zirpro
 Shamrock Technologies, Inc.
 Shengda Charter Win Pigment
 Spectra Colors
 Stork GSE Dispensing, Inc.
 Sun Chemical Corporation
 Tego Chemie Services
 Trust Chem
 Toyo Pigments
 Union Colors

Technical Profiles is a year-round reference guide of ink suppliers. It will be mailed to Ink World's 4,500 subscribers, and will be distributed at the following major industry events worldwide throughout the year:

- **NAPIM Convention**
- **NPIRI Technical Conference**
- **Flexo Forum**
- **Middle East Coatings Show**
- **Latin American Coatings Show**
- **Asia Pacific Coatings Show**
- **European Coatings Show 2013**
- **Eurocoat 2012**
- **CHINACOAT 2012**
- **RadTech Meetings**

Total Circulation

Subscriber Copies.....	4,510
Bonus Distribution.....	3,500
Worldwide.....	8,010



SAMPLE PROFILE

Technical Profiles offers you the opportunity to have your company's key information in front of your key customers and prospects:

- Internet Address
- U.S. Sales Contacts
- Technical Contacts
- European Contacts
- Asian Contacts
- Latin American Contacts
- Major Products

Technical Profiles gives you the opportunity to showcase your company's capabilities in the following areas:

- Company Description
- Products' Scope
- Technical Mission
- Unique Products
- R&D Capabilities
- QC Capabilities
- ISO and Environmental Standards
- Conclusion

Technical Profiles 2011

Arez International Ltd.

AREZ INTERNATIONAL LTD.

16 East Main Street
Mendham, NJ 07945
Tel: (973) 543-6900
Fax: (973) 543-6997

Internet: www.arezinternational.com
Founded: 2004

Additional Facilities: Arez (Gaoyao) Chemical Co., Ltd.
CEO: John P O'Mahoney, jpomahoney@aol.com
Sales Contact: John L. Smith, jsmith@arezinternational.com
European Contact: Rolf Slaghek, rolfslaghek@cselaghek.com
Latin American Contact: John L. Smith
Asia Contact: Alex Nazari, anazari@arezinternational.com
Technical Contact: Dirk Van Heddegem, dvanheddegem@hedson.be

Company Description

Arez International Ltd. was founded in 2004 by experienced professionals from the printing ink resin industry to produce innovative, high quality resin resins. The 35,000 metric ton capacity plant was located in China to be in the center of the world's largest supply of high quality gum rosin, the vital raw material for our products. Arez takes advantage of this locally produced rosin to ensure consistent quality of our finished products. Arez will complete third phase expansion in September, 2010 to further increase resin production capacity and also to provide varnish production for the local Chinese market.

Products' Scope

Arez specializes in providing gum rosin-based resins for the offset and publication gravure markets. A continuous stream of novel resins is being generated by the large, technically proficient R&D staff.

Technical Mission

Arez International Ltd. will provide rosin resin chemistry on the forefront of technology that will offer the ink and vehicle formulator multiple solutions to improved ink performance.

R&D Capabilities

Arez' R&D staff consists of 14 highly competent chemists who staff the laboratory 24 hours per day, 7 days per week. In an agreement with Tianjin Institute of Technology, Arez will provide sophisticated printing ink testing equipment for training future ink chemists. In return, Arez will

Major Products:

- PM1200 series: Provides superb water balance for inks used on high speed offset presses.
- PM1300 series: Provides high molecular weight, viscosity, and structure to reduce resin usage while maintaining excellent print quality.

have access to the Institute's world class analytical capabilities and graduate assistants.



QC Capabilities

Arez products are manufactured under strict statistical process control methods. Products specifications are determined through customer interaction.

ISO and Environmental Standards

The Arez production facilities are designed to be effluent-free. The plant design also provides for three separate and self-contained production modules to prevent catastrophic loss of production should one module encounter problems.

News

Arez is in the process of constructing a 15,000 ton capacity facility in Arkansas. The new plant will be on line in Q1 of 2012. The products produced will be the same types currently available from the Arez (Gaoyao) China facility.

Conclusion

Arez International Ltd. seeks close working relationships with clients to ensure that our clients obtain as many benefits as possible from working with our products and using our services.



- RE3000 series: Provides phenol-free resins with good structure and wetting properties.
- PG5000 series: Provides high molecular weight resins for hold out in publication gravure.
- ER1000 series: Provides superior economics while maintaining excellent performance properties.

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July/August 2011

SAMPLE PROFILE WITH AD

Technical Profiles 2011

Shamrock Technologies, Inc.

SHAMROCK

1000 Park Street
Newark, NJ 07102
Tel: (973) 242-2999
Fax: (973) 242-8074

Internet: www.shamrocktechnologies.com
Founded: 1941

Sales Contact:
John Chen, Tel: (973) 242-2999
Jack Gallagher, Tel: (973) 242-2999

Technical Contact:
Sukhvir Kaur, Tel: (973) 242-2999 ext. 1007

Marketing:
Kathleen Loh, Tel: (973) 242-2999 ext. 1028

European Contact:
Shamrock Technologies India
Tel: 32 1245 8350 | Fax: 32 1245 8340

Asian Contact:
Shamrock Technology (Tianjin) Inc. - China
Tel: 86-22-59433063 | Fax: 86-22-59433059

Latin American Contact:
Mamad Mawardi, Tel: (973) 242-2999

Additional Facilities:
Newark, NJ USA
Frankston, KY USA
Cincinnati Ohio
McKeesport
Tanganyika, Belgium
Tianjin, China

Company Description

Shamrock Technology is the world leader in PTFE micro-powders and the world's largest producer of recycled polyethylene-microfill. PTFE, Shamrock is a leading supplier of micronized powders, dispersion, emulsions and compounds. Shamrock's products can be used in barrier, shelf-life, grease and UV inks.

Product Scope

Shamrock offers hundreds of micronized products, including PTFE polyethylene polypropylene, fluoropolymer, carbon nanotube, natural wax and specialty additives to address the complex often encountered solutions to address specific ink screen needs.

Major Products:

- S10™ Series™ PTFE Microsized Products
- FluoroPULSE™ PTFE Dispersion
- S Series™ Polyethylene and Polypropylene Wax Products
- S3 Series™ Super Disposable Polyethylene
- CeraPULSE™ Polyethylene Compounds

Technical Mission

Shamrock is recognized for its outstanding hands-on technical expertise. As the company's dedicated, on-site ink application laboratory in Newark, Shamrock, chemical engineers, chemists, polymer scientists, and process and mechanical engineers work together to manufacture finished inks to provide creative solutions to even the most challenging customer needs.

Unique Products

Commitment to the Art is Shamrock's success. In-depth application expertise is coupled with proprietary manufacturing capability to enable Shamrock to provide customers with "open formulation" solutions. With patented Electron Beam Accelerators and a range of surface modification technologies, the company can customize a product's molecular weight, thermal properties, solubility, particle size, hardness, overcoating, surface energy wettability and more.

R&D Capabilities

Shamrock Technologies' research and development efforts are driven by market needs. The company maintains a high ratio of customer and engineers, complemented by well-equipped, dedicated application labs and a comprehensive internal lab. The result has been numerous patented products and proprietary processes.

QC Capabilities

As a hands-on manufacturer, Shamrock Technologies has total manufacturing control from raw materials to finished products. The company's thorough system of quality control and customer study in consistently reproducible products and producible performance. Quality control employs thermal, color, area and particle size analysis, interpreted using Statistical Process Control.

ISO & Environmental Standards

Our state-of-the-art manufacturing facilities are ISO 9001:2008 certified to ensure the highest quality products, service and development capabilities.

Conclusion

Shamrock Technologies, Providing unmatched hands-on expertise in surface chemistry solutions.

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July/August 2011

2.5 MILLION
HAPPY MEALS A YEAR



THANK YOU SHAMROCK.

SHAMROCK

www.shamrocktechnologies.com

Available in 100's, Shamrock Technologies is the world's largest producer of micronized polyethylene (PE), and a leading provider in manufacturing and supply of a broad range of specialty wax based products. Shamrock offers almost 1,000 unique and additive products for use in a broad-based applications in more than 20 major industries, including food packaging.

2012 Technical Profiles

INSERTION ORDER

(please return via mail or fax (201) 825-0553)

Company: _____

Contact: _____

E-mail: _____

Address: _____

Phone: _____ Fax: _____

Signature: _____

Closing Dates:

Space Reservations: July 11, 2012
Copy, Art, Ad Materials: July 13, 2012

Agency Commissionable

Note: This special separate edition does count toward advertising frequency for regular issues.

YES!

Please place my full-page, four-color ad with facing page of a profile in the 2012 Technical Profiles for the special price of \$3,595.

YES!

Please place my full-page profile in the 2012 Technical Profiles at the special price of \$2,595.

YES!

Please place my profile on inkworldmagazine.com for a full year for \$500. Link the profile to (your web address): _____

70 Hilltop Rd., Ramsey, NJ 07446 • Phone: (201) 825-2552;
Fax: (201) 825-0553; E-mail: kclement@rodpub.com

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The most widely read ink magazine in the world

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Kim Clement Rafferty
Phone: (201) 880-2233 or Fax (201) 825-0553
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Michael R. Hay, Ringier Trade Publishing Ltd.,
Phone: (852) 2369 8788 or Fax: (852) 2869 5919
E-mail: mchhay@ringier.com.hk

Profile Suggestions

The Profile page will include a company description, plus information about the markets served, technologies, facilities and major products. Space is provided for a photo or a company logo. The format, as shown on page 3 of this brochure, will be the same for each company. Profiles will run alphabetically.

Profile copy should be narrative and informa-

tive. A questionnaire will be provided to assist you with your company's Technical Profile. The editor will work with you so that your copy will fit. Artwork must be in color. Prints, slides and transparencies are acceptable; electronic art is welcomed.

If you have any questions about the Technical Profile, please call David Savastano, editor, at (201) 880-2212, or e-mail: dave@rodpub.com.