

Shamrock Technologies, Inc.



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Additional Facilities
Henderson, KY USA
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Company Description

Shamrock Technologies is the world leader for PTFE micropowders and the world's largest processor of recycled polytetrafluoroethylene (PTFE). Shamrock is a leading supplier of micronized powders, dispersions, emulsions and compounds. Shamrock's products can be used in heatset, sheetfed, aqueous and UV inks.

Product Scope

Shamrock offers hundreds of micronized products, including PTFE, polyethylene, polypropylene, fluoropolymers, custom wax alloys, natural waxes and specialty additives. In addition, the company offers customized solutions to address specific ink system needs.

Technical Mission

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

Unique Products

Customization is the key to 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, morphology, 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 scientists and engineers, complemented by well-equipped, dedicated application labs and a comprehensive universal 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 product. The company's thorough system of quality control and assurance results in consistently reproducible products and predictable performance. Quality control employs thermal, surface 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.

Major Products:

PTFE POWDERS

- SST Series
- FluoroSLIP (PE/PTFE)

WAX POWDERS

- S-Series (PE Powders)
- PP Based Powders

- Natural Wax Powders
- Texturing Additives

PREMIUM DISPERSIONS

- Hydrocer Series (PE/water)
- AquaFLON® (PTFE/water)
- CeraSPERSE (Wax Compound)
- FluoroSPERSE (PTFE/oil)