



LioChem

A TOYO INK COMPANY

THE QUALITY

BEHIND THE COLOR



TOYO INK GROUP



LioChem

A TOYO INK COMPANY

THE COMPANY

BEHIND THE PRODUCTS

We are committed to providing the



EXCELLENCE THROUGH INNOVATION

LioChem is a leading manufacturer of specialty chemicals used in quality printing inks, plastic colorants and adhesives. Founded in 1988 as part of the worldwide Toyo Ink Group, LioChem merged dispersion technology systems from Japan with innovative manufacturing facilities in the United States to become a recognized industry leader. Emphasis on technology, education and extensive support services has led to a solid reputation for achieving customer satisfaction in highly competitive markets. LioChem constantly strives to ensure that the best values and highest quality products are delivered to customers safely and efficiently.



Mixing tanks at LioChem production site

THE TECHNOLOGY OF COLOR

Anticipating customer needs for high-quality performance products is central to our business, and building quality into those products is what we do best. Equipped with advanced capabilities in Conyers, Georgia, and other Toyo Ink R&D centers around the world, our engineers continuously push for improvements and innovation. As a member of the Toyo Ink Group, LioChem collaborates on projects in the Americas, Asia, Europe, Japan and other parts of the world to insure that the global capability of the company is fully leveraged. LioChem is an ISO9001:2000 registered company.



LioChem technology allows us to be innovative and responsive to customer needs

products, services and values our customers expect and deserve.

ENVIRONMENTALLY CONSCIOUS

LioChem is committed to the highest standards in safeguarding the environment for future generations. R&D activities, as well as continuous improvements, are focused on reduction of waste, pollution and energy consumption. It is the company's intention to improve the quality of life for this generation and the next by raising the consciousness of the industry and leading by example. LioChem is an ISO14001:2004 registered company.





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THE TECHNOLOGY

BEHIND THE PLASTICS

Our dispersion technology provides



THE COLOR OF PLASTICS

LioChem develops and manufactures masterbatch, colored pellets and pigment dispersions for an array of plastics applications. Strategies for the highly competitive automotive, packaging and industrial markets provide customers with exceptional advantages. In a world of point-and-click technology, our rapid color matching and color on demand delivery services facilitate lower inventories and short lead-times. LioChem's delivery capability is second to none.



A DRIVING FORCE IN THE INDUSTRY

When it comes to manufacturing custom color products for the automotive industry, LioChem is the preferred choice. Applications include interior and exterior parts where performance and uniformity are critical. We work closely with OEM designers and material engineers to develop colorants for specific resin systems and applications. We also work with molders to customize products for optimum manufacturing capability. Our experience and commitment to customer satisfaction enable molders to move smoothly from evaluation to production with the least cost.



Masterbatches, pellets and pigment dispersions are manufactured at our facility in Conyers, Georgia

lower usage ratios, better stability and improved part uniformity.

ACCURACY THROUGH TECHNOLOGY

Exact standards are behind the masterbatches LioChem manufactures for the packaging industry. High-quality colorants for blow, extrusion and high-speed injection molding applications are unique in their requirements for critical color matches, high pigment loadings and low LD ratios. LioChem's vast experience and dispersion technology rank among the best in the world. Delivering cost-effective coloring solutions accurately through technology is key to our success.



From molded bottles to automobiles, LioChem's plastic colorants offer predictable precision, uniformity and stability



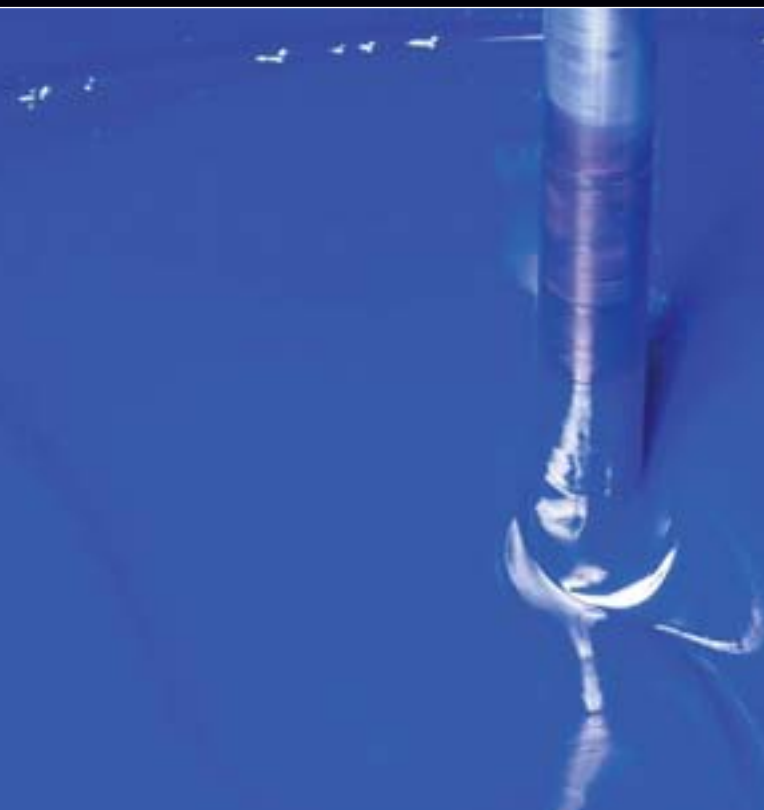
LioChem

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THE CONSISTENCY

BEHIND THE INKS

Our formulation technology balances



GRAVURE AND FLEXO INKS

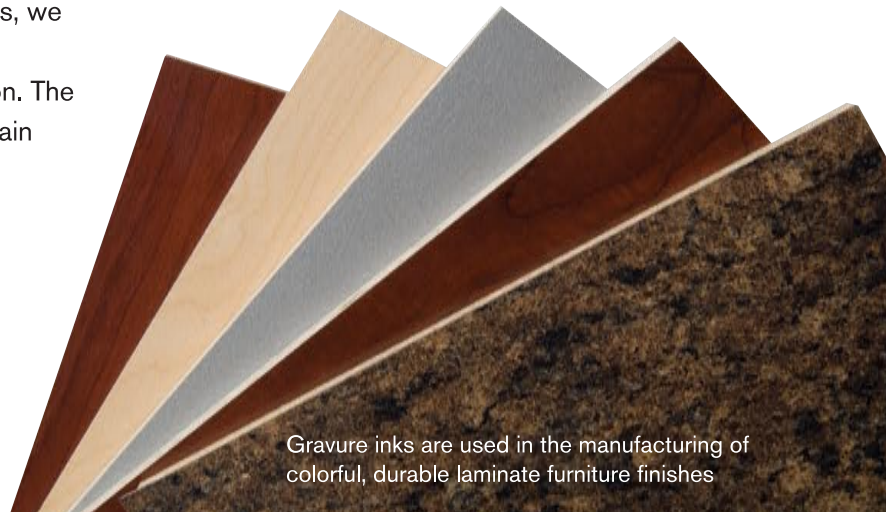
LioChem is a world leader in the production of gravure and flexo inks. Used primarily in furniture laminates and flexible packaging, these solvent-based and water-based inks are manufactured according to Toyo Ink's proprietary filtration technology. As in all our processes, an exclusive formulation technology ensures that excellent printability is balanced with ecological responsibility and compliance.

BUILDING ON QUALITY

Quality control is at the forefront of all our operations. To guarantee the quality and consistency of our products, we have installed dedicated mixing tanks to prevent any cross-contamination that may occur during production. The integrity of our gravure and flexo inks is always our main focus, and that's why our end-users can depend on superior color properties and viscosity consistency. Whether they are producing ready-to-assemble furniture, countertops, construction materials or carton box packaging, our customers can expect increased profitability with LioChem inks.



Strict adherence to rigid quality control procedures assures consistency in gravure and flexo inks



Gravure inks are used in the manufacturing of colorful, durable laminate furniture finishes

the requirement for excellent printability and ecological responsibility.

THE STRENGTH OF ADHESIVES

LioChem offers unmatched capabilities in the production of pressure sensitive adhesives widely used in manufacturing and construction. Common applications include use in labels, plastic films and window shade films for the automotive and building industries. Benefiting from Toyo Ink's advanced polymer synthesis technology, these crystal-clear adhesive products are waterproof and demonstrate strong durability and tenacity properties.

Through ongoing research, LioChem continues to anticipate and explore new opportunities for developing unique and special-use product applications within the broadening adhesives market.



The use of pressure sensitive adhesives in this skyscrapers's windows make it a building with a spectacular view

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