

## Quattor debuts at Brasilplast 2009

São Paulo, March, 2009.

### ***The new PE plant with Chevron Phillips® technology, Green Propene and nanotechnology are the highlights for the company at the event***

For the first time Quattor participates in the Brasilplast 2009, the Plastic Industry International Fair that takes place on May 4 to 8 at the Anhembi Convention Center, in São Paulo. Founded in June 2008, the company manufactures basic chemicals and polyethylene and polypropylene plastics, all 100% recyclable.

"It is always very important to participate in Brasilplast, but this instance is special because we will have the opportunity to show clients, suppliers and event visitors all the solutions and services we now offer in an integrated manner", states Quattor's President, Vítor Mallmann. The fair is in its 12<sup>th</sup> rendition and is considered the largest for the industry in Latin America. Sixty five thousand visitors are expected from more than 60 countries. In its 1120m<sup>2</sup> booth, Quattor will show several innovative products, such as Polypropylene nanocomposites and Green Propene. During the fair the company will also celebrate the inauguration of its third polyethylene manufacturing unit, located in the ABC region of São Paulo.

With this new unit Quattor will increase its polyethylene manufacturing capacity to 230 thousand tons annually at the ABC Petrochemical Center in São Paulo. The company is the only one in Brazil to use Chevron Phillips® technology, a world benchmark in blow-molding products. The new resins manufactured with this technology have a better balance of properties than the current resins in the Brazilian market.

The company has been developing innovative products to achieve new functionalities in the specialized polypropylene resin line based on nanotechnology, such as: anti-bacterial properties, scratch resistance, and ultraviolet radiation protection and flame retardant properties. At the event Quattor will show the anti-bacterial resin, commercially known as Diya 721, targeted for the injection market.

Green Propene is the result of a project developed in partnership with a group of researchers from UFRJ (Rio de Janeiro Federal University). Green Propene is made from glycerin, a byproduct of biodiesel manufacturing, and will serve as raw material for producing Green Polypropylene, which has the same features as the polypropylene currently made from naphtha, while at the same time it will encourage the expansion of biodiesel production. It is expected that in 2012 Quattor will have Green Propene and Green Polypropylene available in the market. This process was patented jointly by Quattor and a group of researchers from the Rio de Janeiro Federal University (UFRJ), with the financial support of FINEP and the Ministry of Science and Technology - MCT, with resources from FNDCT. Visitors to Brasilplast will be able to learn about Quattor's entire Luzz Family line of products - comprising products that incorporate excellent transparency and shine. With these characteristics the Luzz Family of products allow for almost unlimited design possibilities, with texture and color effects.

The versatility of this new family of products is outstanding; it goes from the freezer to the microwave, has excellent transparency at a thickness of around 2 mm and allows for high temperature product packaging. It also has the lowest density among thermoplastics; it is water resistant, achieves excellent balance between impact and hardness, is recyclable, low cost and easy to process.

These characteristics ensure the Luzz Family's advantages over other materials currently used to manufacture blender cups, home appliance bodies, clear containers, water containers and other applications.

### **About Quattor**

The Quattor petrochemical company ([www.quattor.com.br](http://www.quattor.com.br)) is a company that manufactures basic chemicals and plastics from polyethylene and polypropylene - 100% recyclable. The company is headquartered in Rio de Janeiro. Quattor is a domestic company founded in 2008 from an association between Unipar and Petrobras, each respectively holding 60% and 40% of the company's capital.

The company has ten production units and 13 production lines of basic and intermediary petrochemicals and resins, located in four sites in the states of Rio de Janeiro, São Paulo and Bahia, and is listed among the 20 largest companies in the country with annual earnings estimated at R\$ 9 billion. With around 1700 direct employees, it operates in the first and second

generations of the petrochemical chain. Quattor produces 2.8 million tons of basic chemicals and 1.9 million tons of resins (polyethylene and polypropylene) annually. The name Quattor was inspired on alchemy and reminisces of the four elements of nature: water, earth, fire and air. The combination of these four powers with the human element - employees, clients, community and partners - translates into a formula for success for the new generation of the petrochemical industry, in perfect synch with the environment.

**SERVICE:**

Quattor at the 12<sup>th</sup> Brasilplast ([www.brasilplast.com.br](http://www.brasilplast.com.br))

**Place:** Booth in the main aisle, between streets A and C - Anhembi Convention Center - São Paulo

**Date:** May 04 - 08

**Time:** from 11 AM to 8 PM

**MORE INFORMATION:**

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