

NEWSLETTER 001 JANUARY 2011

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The coverage of China's and the Far East's markets will be ensured by the new branch opened by LATI in Shanghai.

LATI's headquarters in Shanghai represent the center providing technical assistance and after-sales service to customers operating in China, as well as the node dedicated to logistics services throughout the area.



With this additional support base, LATI decides to provide the best possible service also to a strong growth area, where, however, it is not easy to be effectively present mainly from a technical point of view.

So the LATI's staff in Shanghai can interact with both the large European industrial companies and the increasingly active local firms, offering LATI materials and solutions to any problems related to the use of compounds.

Design and CAE

The codesign and calculation service offered by LATI to its customers was further strengthened by the adoption of the Moldex 3D simulation program.

The software platform that is being offered to LATI's customers for the design development and testing includes some of the most robust and reliable computer codes currently available on the market: Moldflow and Moldex 3D in a comprehensive and extremely versatile version combined with structural analysis software suitable for the calculation in plastics.

The expansion of engineering resources reflects LATI's decision of establishing itself as a leading company in innovation and development of new projects, thus providing expert and crucial assistance to customers facing the market evolution at the forefront.



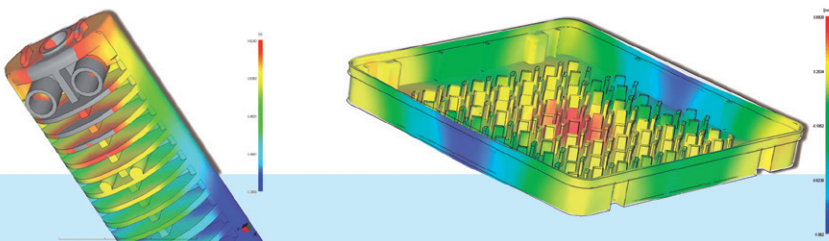
Literature

On LATI's website a new brochure concerning the replacement of metal with structural thermoplastics is available for download.

The document contains the main guidelines for the selection of the most suitable materials, supporting the choice with a wide technical documentation.

Alternative solutions proposed for metal replacement are best suited to different fields of application, both in terms of temperature and mechanical requirements.

However, this proposal is purely indicative, as LATI's offer in the structural compound sector is much wider and requires to be discussed in a technical context from time to time.



LATI MDT

A new family of thermoplastic compounds for injection molding is introduced on the market by LATI's Research & Development.

These MDT - Magnetically Detectable Thermoplastics - compounds feature innovative grades detectable by any kind of metal detector, yet without containing metal fibers nor the traditional ferromagnetic powders.

MDT thermoplastics are available from various thermoplastic resins, and allow manufacturing products suitable for food contact due to their particular formulations.

Detection by metal detectors can be optimized according to customer's requirements to ensure tracking of even small fragments. Excellent aesthetics, colorability, mechanical features, and price/performance ratio are also interesting opportunities.



Metal and contact with water

Replacing metal with a structural compound is possible for some time, but LATI now offers products even suited to drinking water contact.

LATIGLOSS products, featuring high mechanical performance grades and excellent aesthetics, are now provided with certifications for drinking water contact, even at high temperature:

- WRAS (up to 85°C)
- ACS
- NSF61
- KTW
- DVGW W270

It is worth remembering that LATIGLOSS products, with up to 60% glass fiber reinforcement, are also suitable for chromium and nickel plating, providing very interesting results.



ATEX

Increasingly more sectors are complying with the ATEX Directives covering applications in potentially explosive atmospheres.

LATI offers a wide range of electrically conductive compounds with resistivity values meeting the limit of 1 GOhm set by the standard.

So the use of LATIOHM compounds allows for applications that can be subjected to ATEX certification procedures without any problems.

LATIOHM products are available in different resins and reinforcements, and in the colorable versions too.

UL STATUS

Several special materials were submitted to the important UL Certification Body.

This trend confirms the use of - not explicitly self-extinguishing - special products even in ever wider projects.

The following grades have been approved:

- LATICONOTHER 62 CEG/500-V0HF: self-extinguishing thermally conductive compound
- LATILUB 80-10T Y/15 e LATILUB 75/4-05T G/30-V0: self-lubricating PPS and PBT based
- LATIOHM 66-07 PD08 G/30: electrically conductive compound