

**LATI**<sup>®</sup> HIGH PERFORMANCE THERMOPLASTICS



# LATI

## COMPOUNDING SOLUTIONS

 [www.lati.com](http://www.lati.com)

 [lambda.lati.com](http://lambda.lati.com)

# THE HEART OF OUR ACTIVITY

## ENGINEERING COMPOUNDS

- Based on different resins and reinforced with fibres or with mineral fillers
- Combining aesthetic quality and mechanical strength for flexible production processes and excellent price/performance ratio
- Available in specific colours, with optimized MFI, stable to heat, UV rays and chemicals



## SELF-EXTINGUISHING COMPOUNDS

- Limiting the risk of fire in electrical and electronic, home appliance and e-mobility applications
- Based on engineering thermoplastics and high temperature PAs
- Available with halogen, red phosphorous, intumescent systems or systems without halogens or red phosphorous



## CERTIFICATIONS

- UL yellow card for flammability UL94, 5VA, RTI (UL746b) and outdoor exposure classification (UL746c)
- VDE approvals for glow wire tests GWFI & GWIT following the IEC-60335 directive
- Grades certified for use on railways in conformity with EN-45545 & NFPA-130 standards

## HIGH TEMPERATURE & PERFORMANCE THERMOPLASTICS

- Based on sophisticated polymers PPS, PA9T, PSU, PPSU, and PEEK
- Continuous temperature up to 260°C
- Intrinsically self-extinguishing
- Compliant for potable water, food contact and medical use





# SPECIAL FEATURES FOR ENGINEERING

**SELF-LUBRICATING  
LATILUB**



**METAL REPLACEMENT  
LATIGLOSS**



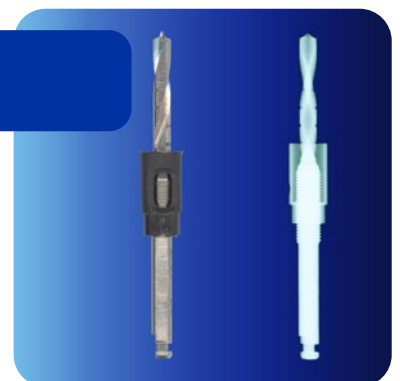
**MAGNETICALLY DETECTABLE  
MDT**



**ELECTRICALLY  
CONDUCTIVE  
LATIOHM**



**RADIOPAQUE  
LATIGRAY**



**THERMALLY  
CONDUCTIVE  
LATICONTH**



**DENSITY CONTROLLED  
LATIMASS**



# DEVELOPMENTS OF TODAY, AND TOMORROW

## GREEN SOLUTIONS FOR SUSTAINABILITY

The LATI response to the need for materials with renewable and sustainable origin is reflected in the LATIGEA and LATIECO products range:

- **LATIGEA** compounds obtained from basic polymers such as amorphous and semi-crystalline PLA or from other biodegradable resins and/or resins from renewable sources, such as bio-based HDPE and PAs
- **LATIECO** compounds inspired by the great technical standards of LATI's product portfolio, yet made using up to 100% resins obtained from recycling resins



**LATIGEA**



**UL  
CERTIFICATIONS**



**LATIECO**

## 3D PRINTING SOLUTIONS BY **LATI 3D**

"AM" is the LATI range of compounds expressly studied for 3D printing:

- Including a wide choice of resins, from the standards PLA, ABS, PETG up to PC, PAs or other high thermal resistant resins like PES, PPSU, PPS and PEEK
- Featuring with special properties like electrical and thermal conductivity, radio-opacity, carbon fibres, self-lubricant and flame retardant
- Including sustainable grades based on biobased polymers and recycled materials to reduce carbon footprint





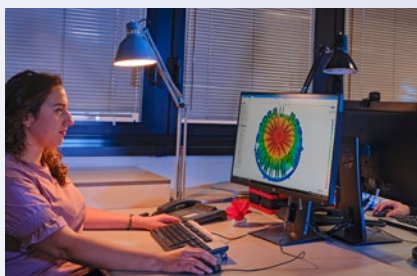
## ABOUT LATI

LATI Industria Termoplastici S.p.A. is one of the most important European manufacturers of engineering thermoplastics. LATI range of products is articulated in 2000 internally-researched formulations. LATI materials are exported worldwide through the branch network and are used in the electrical, electronic, industrial and transportation sectors.

Today, the company's CEO is Michela Conterno, representing the third generation, who succeeded her father Francesco at the helm of the company, who holds the position of Chairman. With her, LATI is continuing on its path of change and innovation focusing on sustainability, industry 4.0 and special compounds, without ever forgetting the values handed down by her grandfather and father.



Research & Development



Technical Assistance



Training Courses

**40 Kton**  
Production  
capacity



**190M €**  
Turnover



**300**  
Workers



**2**  
Production plants  
in Italy



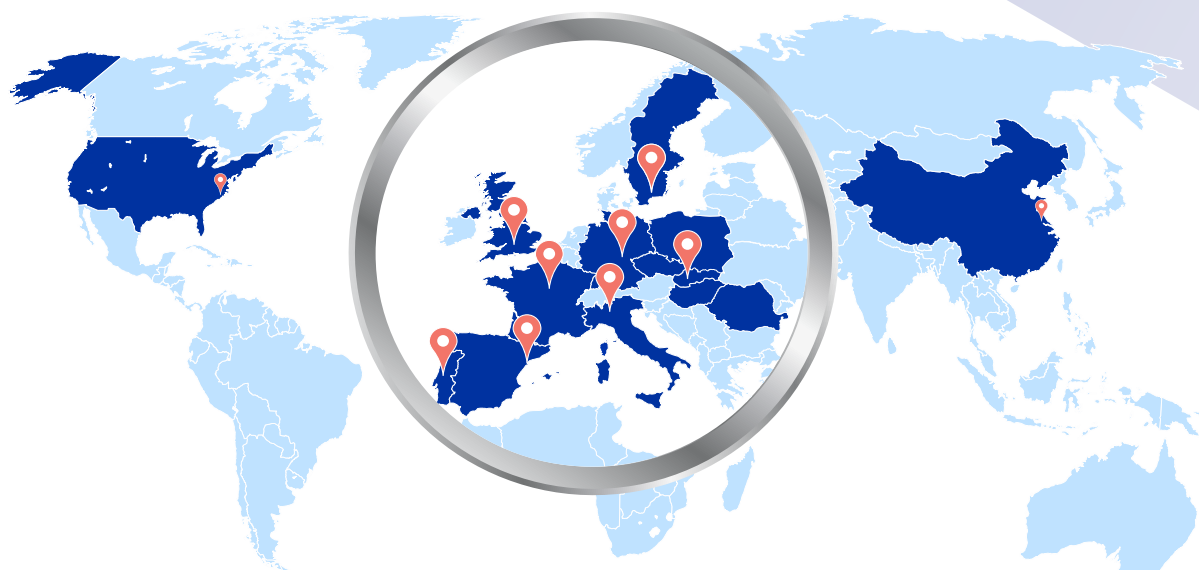
**2000**  
Active formulations



**20 R&D**  
& technical  
support engineers

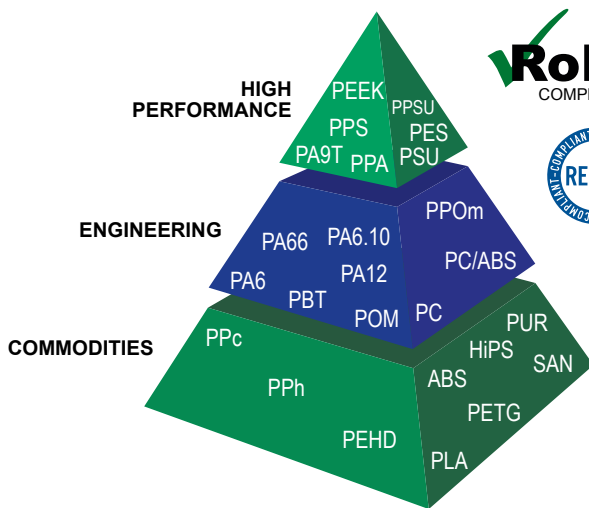


## A GLOBAL PRESENCE ALL OVER THE WORLD





## PRODUCT RANGE



<b>MAGNETIC &amp; DETECTABLE</b>	<b>STRUCTURAL MATERIALS</b>
<b>SELF LUBRICANTS</b>	<b>GREEN AND SUSTAINABLE</b>
<b>ELECTRICALLY CONDUCTIVE</b>	<b>CONTROLLED DENSITY</b>
<b>THERMALLY CONDUCTIVE</b>	<b>X-RAY SHIELDING</b>

LATI S.p.A. - Vedano Olona  
**HEADQUARTER**  
 Via F. Baracca, 7  
 ITALY - 21040 - VEDANO OLONA (VA)  
 ☎ +39-0332-409111  
 🌐 <https://www.lati.com>  
 ✉ [marketing@it.lati.com](mailto:marketing@it.lati.com)

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